HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

COMBINING

Black and White Record

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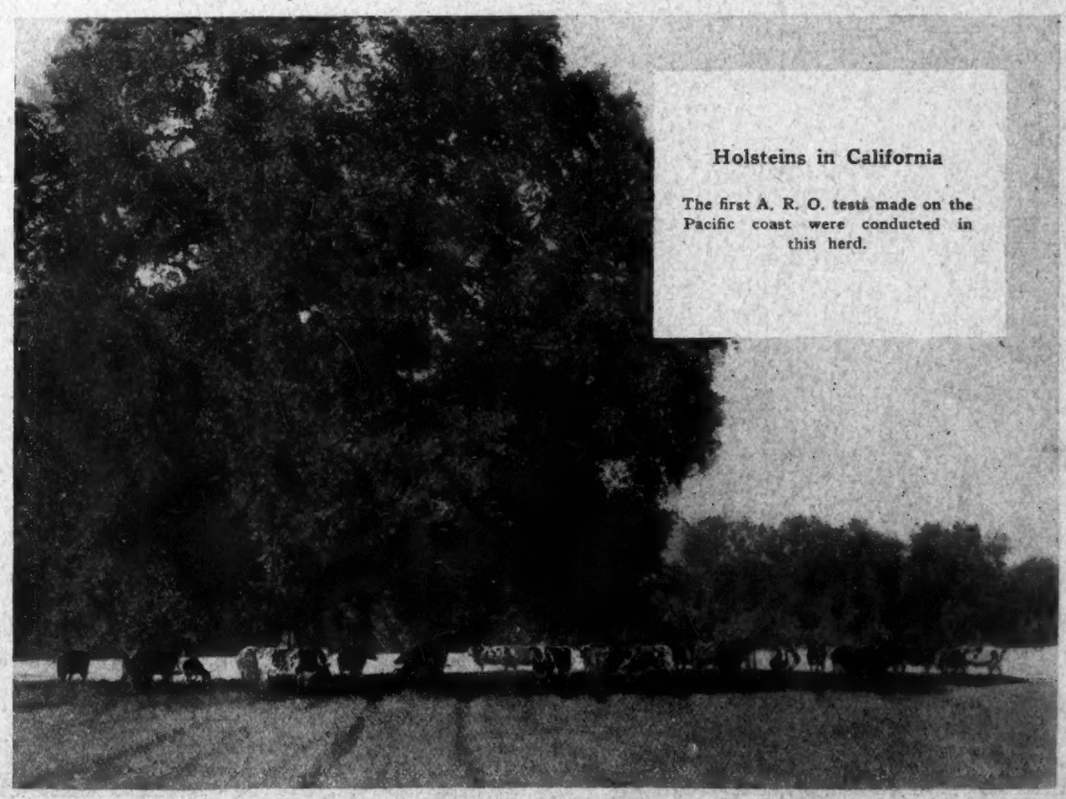
AUGUST 31, 1918



Holsteins in California

The first A. R. O. tests made on the Pacific coast were conducted in this herd.

Entered as second class matter January 18, 1916, at the Postoffice at Waterloo, Iowa, under the Act of March 3, 1879.

Did It Ever Appeal To You This Way?

That Our Herd Sire

King Echo Sylvia Johanna

May Echo Sylvia
Butter 41.01
Milk 1,005.80
Milk, 100 days 12,898.00

Belle Model Johanna 2d
Butter 37.34
Milk 567.90

The Sire of

The $106,000 Bull

Note the Two Nearest Dams in Each Case Are the Same Cows!

Carnation King Sylvia

Belle Model Johanna 2d
Butter 37.34
Milk 567.90
Dam of a 36-lb. cow

May Echo Sylvia
Butter 41.01
Milk 1,005.80

Has the Very Identical Dams!!

WE CAN SHOW YOU SOME OF THE FINEST YOUNGSTERS YOU EVER SAW SIRED BY KING ECHO SYLVIA JOHANNA FROM DAUGHTERS OF KING KORNDYKE SADIE VALE. THE GREATEST COMBINATION OF BREEDING IN THE WORLD TODAY

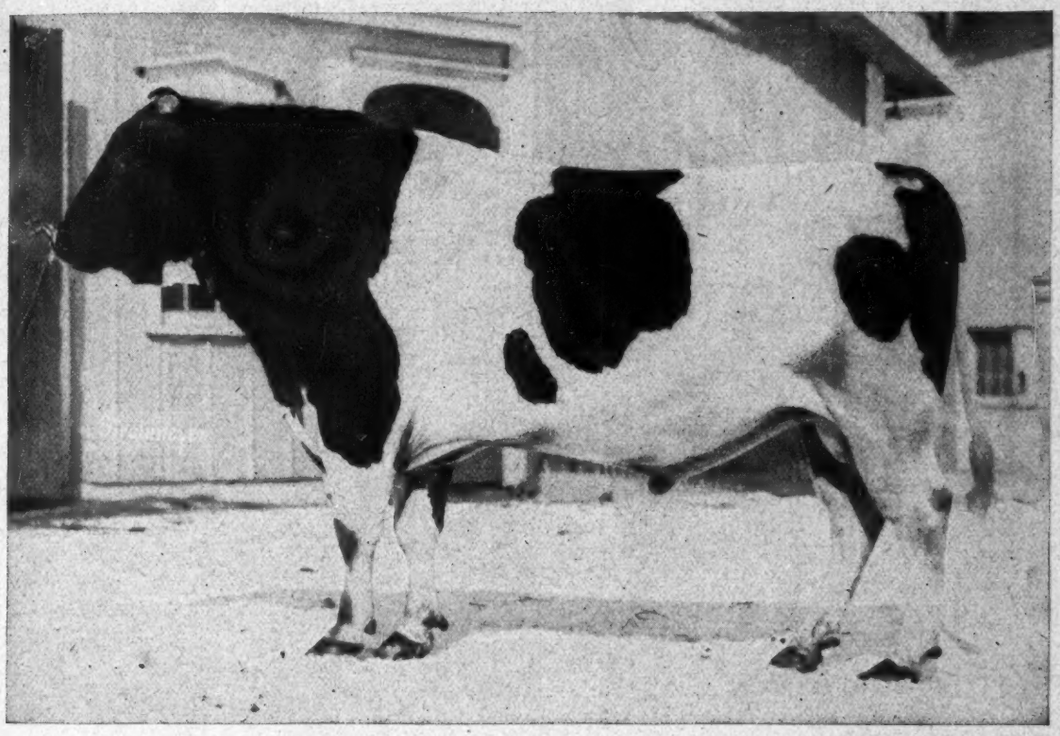
Get your next bull at Brothertown and own a brother to the highest priced animal in the world. There's no other place.

BROTHERTOWN FARMS
QUENTIN McADAM, Owner

23 South Street Utica, N. Y.

SIR PRILLY SEGIS

ALL THAT A SIRE SHOULD BE



INDIVIDUALITY BREEDING TRANSMITTING ABILITY

BEAVER DAM STOCK FARM Julius Schmid, Owner MONTGOMERY, N. Y.

Here's the Best Bred Bull You Can Buy Today

A Good Individual, Dark in Color and Ready for Heavy Service

Sired by a full brother to the first 44-lb. cow.
His dam is a 32-lb. daughter of the first 44-lb. cow.
The four nearest dams on the maternal side and the dam of his sire are all above 32 lbs.

HIS DAM

Spring Farm Pontiac Lass 2d

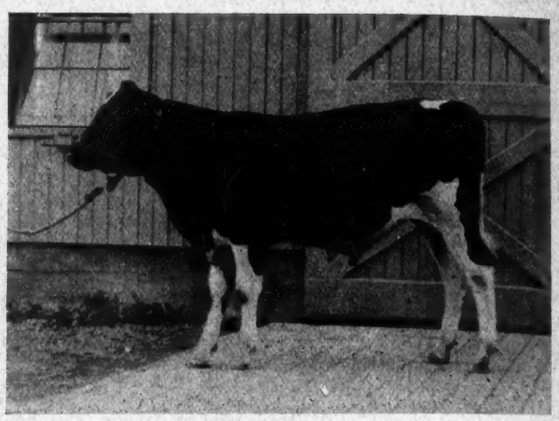
Butter	32.18
Milk	603.50
Butter, 30 days	114.45
Milk, 30 days	2,173.20
Milk, 1 day	90.8

A sure 40-lb. cow. A daughter of the first 44-lb. cow, K. P. Pontiac Lass. She is sired by King Segis De Kol Korndyke, a son of King Segis and the first 37-lb. cow, and sire of Lady Segis Korndyke, the former world's champion 40-lb. four-year-old. She is a maternal sister to Spring Farm Pontiac Cornucopia, with two 30-lb. daughters, and is a three-fourths sister to Spring Farm King Pontiac 6th with two 30-lb. daughters. Her own records, together with her dam and two granddams, average 39.3 lbs.

If you want a Real Bull that will surely have a 40-lb. dam within a very short time, here is the very one you ought to buy

Spring Farm Herd ***F. M. Jones*** ***Clinton, N. Y.***

Who Wants This Bull?



Born Oct. 5, 1917

Sire—King Pontiac Reliance. A son of King of the Pontiacs from the best daughter of King Korndyke Hengerveld Ormsby, Maple Knoll Helen—33.16 lbs. butter in seven days.

Dam—Pauline Soldene De Kol 4th 24.21 butter in seven days as a junior three-year-old. Her dam has four A. R. O. daughters including one above 30 pounds and her sire is Sir Rag Apple Korndyke (28 A. R. O. daughters) a son of Sadie Vale Korndyke (36.20 lbs. butter in seven days).

This calf is perfect individually and his dam (only a three-year-old now) one of our best young cows—we consider him worth $300.

ONEIDA COMMUNITY, L'td **Kenwood, N. Y.** **Madison County**

ATTENTION!

WE WILL SELL

Allamuchy K. A. Perfection

Dam, Eva May Ellis 5th, record 31.41 lbs. butter from 503.5 lbs. milk, unequalled by any other first calf two-year-old.

Sire, Korndyke Abbekerk, has several 30-lb. daughters including Allamuchy Korndyke Rose, 30.60 lbs. at 2 years 6 months, with 118.69 lbs. in 30 days, which is unequalled by any other first calf two-year-old for 30 days.

Allamuchy K. A. Perfection is now 2 years 9 months old, an outstanding individual, fit to head any herd on earth.

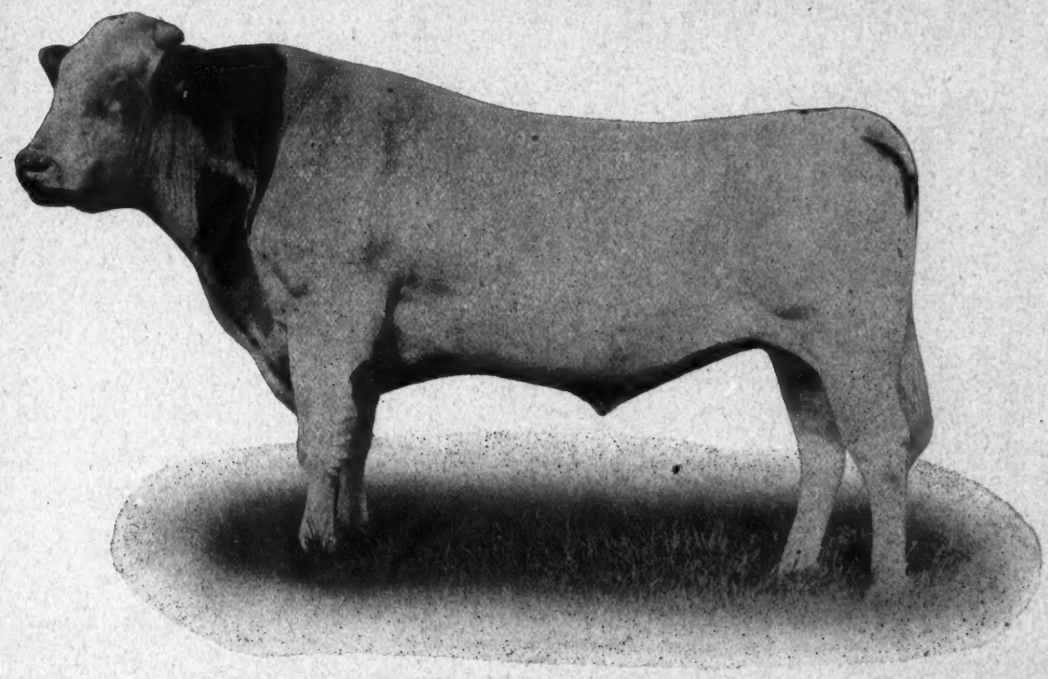
Think of it! How many 30-lb. two-year-olds are there today? You can count them on your fingers.

This bull is guaranteed right in every way. Write, wire or come for further particulars and price.

GEO. WINTER & SON **Chateaugay, N. Y.**

The Greatest Proven Sire of his Generation

KING PONTIAC CHAMPION



The Logical Successor to his Sires

KING OF THE PONTIACS and PONTIAC KORNDYKE

NOW THE SIRE OF

81 A. R. O. Daughters——9 30-lb. Daughters

DURING THE PAST YEAR!

He led all sires in number of prize winning daughters.

He led all sires in number of 30-lb. daughters.

He led all sires in number of semi-official record daughters.

He, with his sire, King of the Pontiacs, and his grandsire, Pontiac Korndyke, are the greatest three-generation group in the world.

We Believe He Will Surely Become the Next Century Sire

He has more daughters, more 30-lb. daughters, more 25-lb. daughters and more 20-lb. daughters than any other son of his sire and the average semi-official records of all his daughters is unequaled by any bull living or dead.

A PABST QUALITY BULL!

PABST STOCK FARM **Oconomowoc, Wis.**

"PONTIAC"

"Where the Champions Come From"

WHY YOU MUST HAVE A PONTIAC!

In The Holstein-Friesian World of August 17th

144 Breeders bought **1365** inches of advertising.

55 of these men bought **683** inches of advertising.

THESE 55 MEN WERE ALL EXPLOITING A "PONTIAC"

It means that 39 per cent of all the advertisers were "Pontiac" admirers and they are men who know, because these same 55 breeders bought more than 50 per cent of all the livestock advertising in that issue.

It means if you own a "Pontiac" you will have a representative of a line of breeding admired by 39 per cent of the breeders and of a line represented in more than 50 per cent of all the animals of the breed.

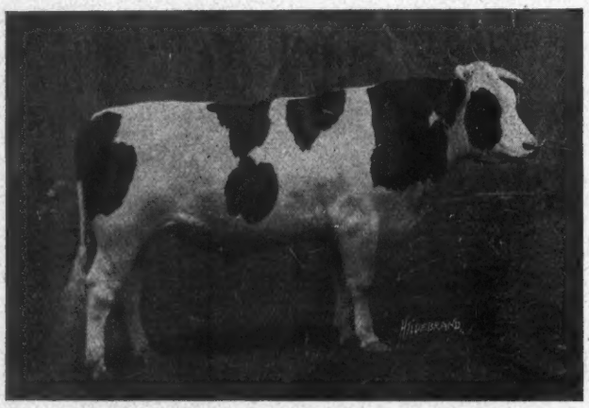
There is but one original home. That's at Pontiac.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward **Pontiac, Michigan**

A Name That's Known the World Around

Did You Notice How He Went "Over the Top?"



King Champion Rag Apple

THE $20,000 BULL

"The World's Greatest Sire of Individuality

Did you notice how his young sons from average record dams sold for around $2,500? Why? Simply because "they were the right goods."

And, remember, he's no average bull in point of breeding.

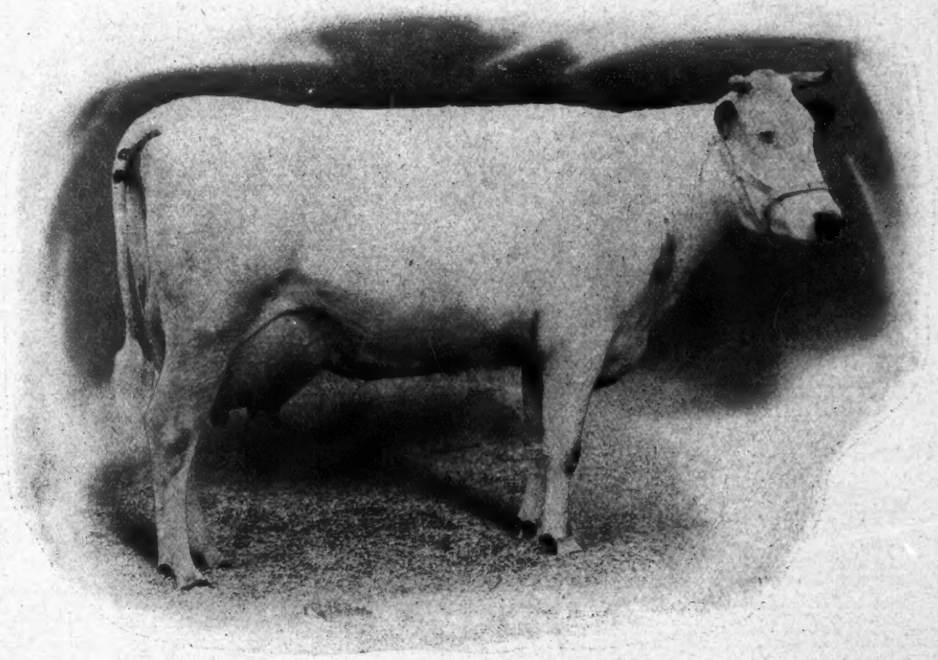
The Only Bull in the World with his Dam and Sister the HIGHEST Record three-year-olds and averaging 42 lbs.

If you want individuality with the best backing in the world, you must get a son of "King." Green is only too glad to tell you all about them.

A. W. GREEN **MIDDLEFIELD, OHIO**

OUR JUNIOR SIRE

King Ormsby Jane Rag Apple



ORMSBY JANE SEGIS AAGGIE

A Son of This Marvelous Cow

with her wonderful records:

Notice The Great Individuality Top Line AND Style of Udder

At 5 years
Butter 46.33
Milk 879.60
At 4 years
Butter, 30 days 183.16
Milk 3,241.01
60 days
Butter 360.61
Milk 8,221.70
100 days
Butter 566.98
Milk 10,153.00
Average per cent fat 4.46

UNEQUALED BY ANY OTHER COW OF THE BRRED
HOLDER OF SEVENTEEN WORLD'S RECORDS
THE ONLY COW THAT EVER TWICE MADE OVER 40 POUNDS BUTTER

Her qualities are being transmitted by her son through our daughters of the famous bulls—
COLANTHA JOHANNA LAD .ND COLANTHA SIR· AAGGIE

This Is The Type The Kind We Breed From

NOTED FIELD HERD

OWNED BY

D. W. FIELD FARM CO. Oak Street Montello, Mass.

Hale and Hearty at 14 Years of Age

SIR VEEMAN HENGERVELD

With More 30-lb. Daughters Than Any Other Living Sire
He is Also One of the Two Living Century Sires

Sixteen 30-lb. Daughters—Three 1000-lb. Daughters—Three 23,000-lb. Daughters

"THE SIRE BY WHICH ALL OTHERS ARE JUDGED"

One of his sons will do for you just what they have done for scores of others

W. D. ROBENS **Poland, New York**

You Raise Purebred Cows, Why Not Purebred Horses?

HAVE your horse power on your farm as good as your dairy. Buy a registered Percheron colt from prize-winning mares and let him grow into a real horse for you. We have some young purebred mares, weanlings and two-year-olds for sale. Black and gray in color and beautiful specimens of horse flesh. They will not cost you much more than grades either.

Nothing for sale in the cow or bull line at this time

ANTRIM FARMS

C. L. AMOS, Owner **Syracuse, N. Y.**

THE FOUNTAIN HEAD!

You must come to the "fountain head" for the May Echo Blood

THROUGH HER SON

Champion Echo Sylvia Pontiac

This young sire will surely become one of the very greatest of the breed. His calves are without exception the finest individuals ever sired by any bull and he is himself an individual worthy of entering any show ring. He is sired by Spring Farm Pontiac Cornucopia, the son of the first 44-lb. cow and the only son of a 40-lb. dam with a 30-lb. two-year-old daughter. The two nearest dams of Champion Echo Sylvia Pontiac average 42.60 lbs. butter from 795.9 lbs. milk, and for 30 days they average 170.6 lbs. butter from 3,356.7 lbs. milk.

SONS OF THIS GREAT SIRE

Here is the Only Bull of the Breed With This Cross

Rag Apple Echo Sylvius Born March 14, 1917

A son of Champion Echo Sylvia Pontiac from **Lady Korndyke Rag Apple**, a daughter of Rag Apple Korndyke 8th. As a three-year-old she made 22.34 lbs. butter in seven days, 86.38 lbs. in 30 days, and then came back as a four-year-old and made 24.09 lbs. butter from 571.3 lbs. milk. Her dam is almost a 24-lb. daughter of a 19-lb. cow with five A. R. O. daughters. This bull is slightly more white than black, ready for immediate service, and like all of the get of his famous sire, a very fine individual. Remember, he has the cross of two of the most widely known animals of the breed and is the only bull living today with that combination.

AN ESPECIALLY FINE ONE

One of our finest sons of Champion Echo Sylvia Pontiac is a very handsome fellow, nearly all white, born February 6, 1918. His dam is **Alice Tensen's Canary** that as a four-year-old made 30.22 pounds butter from 625.5 pounds milk in seven days and 120.12 pounds for the month. Her dam is the great show cow, Alice Tensen with 29.12 pounds butter from 564 pounds milk. The wonderful show qualities of his dams in combination with that of his sire, should make him a most desirable herd bull for some famous herd. He is one of the best things we can offer.

OUR SENIOR SIRE—FOR SALE

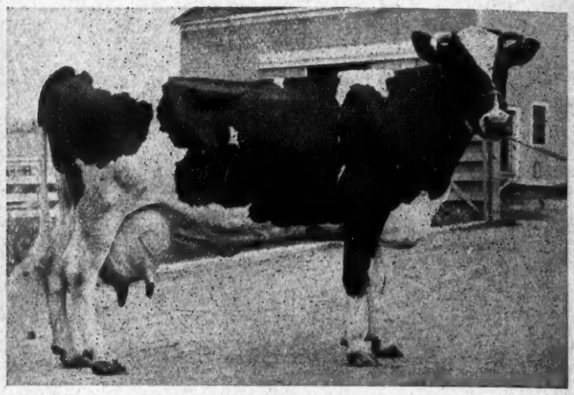
WOODCREST SIR CLYDE (Born March 15, 1913), A son of Pietje 22d's Woodcrest Lad and ALMA CLYDE. Woodcrest Sir Clyde now has thirteen tested daughters, four above 20 pounds as two-year-olds up to 23.50 pounds. His dam has 33.07 pounds in seven days, 136.38 pounds in 30 days and 970.47 pounds butter in a year from 22,558 pounds milk. Woodcrest Sir Clyde is a full brother to a 30-pound cow and is a show bull of the highest order. He is sold simply because we have no use for him as we now own both serviceable sons of May Echo Sylvia.

AVONDALE FARM, Brockville, Ontario, Can.

A. C. HARDY, Owner **H. LYNN, Herd Mgr.**

THE "MAY ECHO" BLOOD

Sons of These Beautiful Daughters of King Segis



SEGIS JULIA PRINCESS

Butter	35.73
Butter, 5 years	29.65
Butter, 4 years	28.21
Butter, 2 years	22.63

Her dam a 30-lb. four-year-old with two 30-lb. daughters and the second dam a 25-lb. cow, and she a daughter of Prilly. We have her son born in March 1918 sired by the great KING LYONS.

SEGIS ISABELLA

Butter	34.52
Butter, 4 years	29.00
Butter, 3 years	23.00

Her dam is a 30-lb. daughter of Judge Hengerveld De Kol. The next dam is Isabelle Clothilde Walker with 27 lbs. and two 30-lb. daughters. We have her son born in April 1918 sired by King Joh, a 33-lb. son of King Segis Pontiac Alcartra.

Moyerdale Farm

Syracuse, N. Y.

H. A. MOYER, Owner JAS. GILLETTE, Supt.

Woodlake Farm

JOHN B. IRWIN, Prop.

"Home of the Ormsbys"

Address—
Station F
Minneapolis
Minn.

Herd Headed By Two of The Breed's Greatest Sires

King Korndyke Colantha Ormsby 96546.

A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

Sir Ormsby Banostine Champion 166276.

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow.

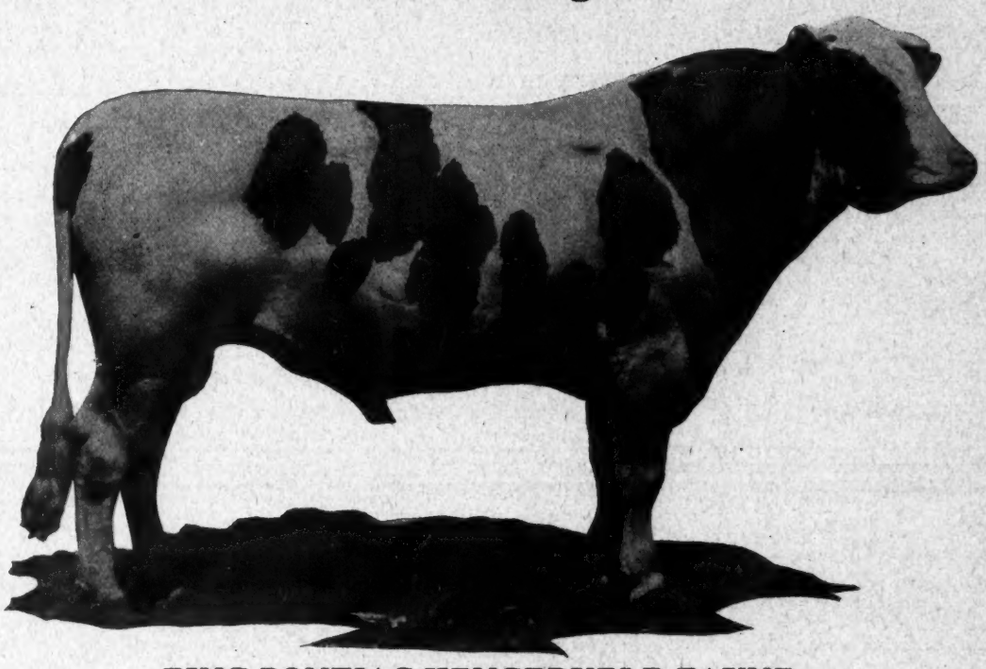
He is sired by Friend Hengerveld De Kol Butter Boy, that has four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

THE GREATEST

Prince of the House of Pontiac

As Perfect in Individuality as He is in Breeding



KING PONTIAC HENGERVELD FAYNE

A SON of King of the Pontiacs and Segis Hengerveld Fayne Johanna [47.35 lbs.], the second highest record cow in the world and daughter of the only 50-lb. cow, Segis Fayne Johanna.

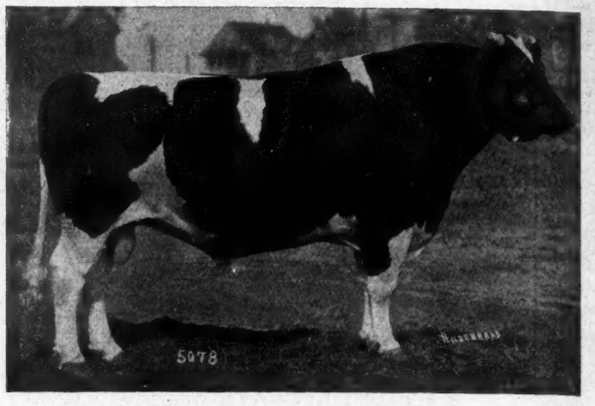
His Three Nearest Dams Average 45.82 lbs.

Pequest Farms Belvidere, N. J.

Why a World Champion?

BECAUSE

He Attended the Big Holstein Show



OAK DE KOL OLLIE HOMESTEAD

DAIRY CATTLE CONGRESS

AND

INDUSTRIAL EXPOSITION

Sept. 30th—Oct. 6th WATERLOO, IOWA

THE MECCA OF DAIRYING IN ALL ITS BRANCHES

WHERE YOU WILL SEE AND HEAR THINGS YOU WON'T FORGET

King Model Who Sold at the Stevens' Dispersion for $10,400

And Whose New Owners Booked Enough Services at the Ring Side to Pay for the Bull

Has Sired Some of the Finest Calves Ever Seen in Holstein Circles

Every Calf He Sires Is a Dandy

I Have Several Fine Sons of King Model to Offer at This Time

Remember that the dam of King Model is Mabel Segis Korndyke, 40.32 lbs. at four years. His sire's dam is Aaggie Pauline Sarcastic, 36.35 lbs.; his sire's dam and his dam's sire are by King Segis and out of Pontiac Clothilde De Kol 2d, 37.21 lbs., the most wonderful cow of the breed.

Look These Over—Then Wire Me

Born Dec. 5, 1917

His dam is K. P. Clorinda Artis, a 28.31-lb. daughter of King of the Pontiacs. He is the most perfect individual I ever saw. Second dam 27.21 lbs. A show bull of the highest order.

Born Dec. 4, 1917

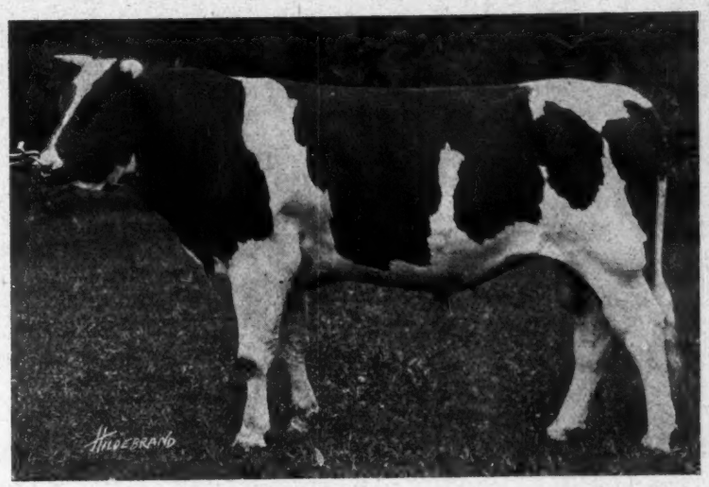
His dam, Vinnie Abbekerk 2d, is a 25.65-lb. two-year-old daughter of Spring Farm King Pontiac, who is by King of the Pontiacs and Tweede White Lady, 37.45 lbs. He is another perfect individual.

Born Jan. 15, 1918

His dam, K. P. Meta Hengerveld, is a 21-lb. daughter of King of the Pontiacs. Next dam a 30-lb. daughter of Hengerveld De Kol.

R. J. STEVENS *Formerly of* STEVENS BROS. CO. LIVERPOOL, N. Y.

How do You Like Him?



THE MIGHTY MONARCH

A Son of

King of the Pontiacs
(28 30-lb. Daughters)

and

Segis Hengerveld Fayne Johanna 47.35

She a Daughter of

Segis Fayne Johanna 50.68

A Daughter of

Vikina Johanna 39.43

Average 45.82

$300.00 This is the very nominal fee at which we have decided to accept good record, approved cows for the next three months, for service to this bull.

BROAD MEADOWS FARMS

Paul T. Brady, Owner PAWLING, N. Y. Henry E. Lee, Herd Mgr.

(A Sale Will Be Held at Our Farm October 5th)

YES, HE IS GONE

ALSO HIS TWIN BROTHER

and the purchasers are well satisfied with their bargains. We refer to the fine calf advertised in the last issue.

You are too late to get either of these splendid individuals but we are going to offer you another just a little better.

He is sired by the famous Sir College Cornucopia 2d. His dam is that great producing cow, Lady Acmeanna Ormsby De Kol, 31.135 lbs. butter in 7 days.

This calf is a nice, straight individual and is more than half white. Born March 21, 1918.

We also have some calves from heifers with nice records that will be priced right.

YOUR INQUIRIES ARE RESPECTFULLY SOLICITED

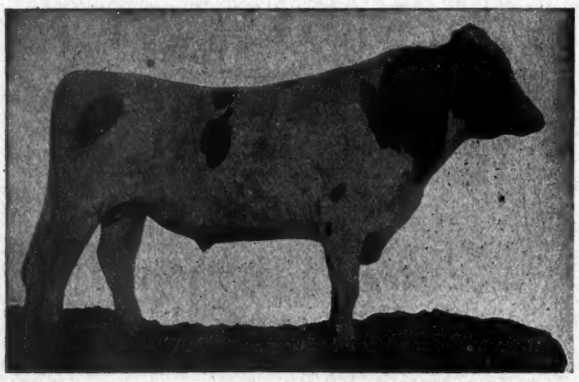
WESTKOTA FARM

M. J. SMILEY, OWNER BELLE FOURCHE, S. D.

HIS DAM IS THE ONLY COW OF THE BREED WITH SIX YEARLY RECORDS

His Sire

Sir Pietertje Ormsby Mercedes



His Dam

Queen Piebe of Fairview 2d

SIR PIETERTJE ORMSBY MERCEDES 40TH

A full brother of

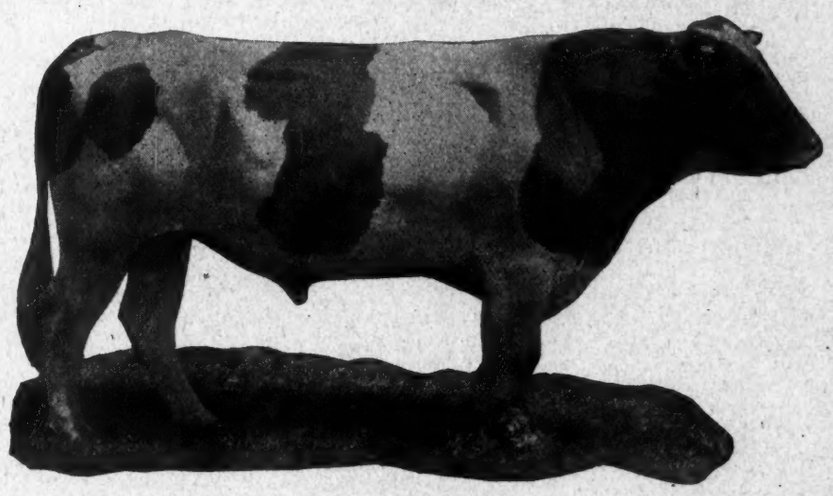
QUEEN PIEBE ORMSBY MERCEDES (1 Year) 1,136 01

SIR PIETERTJE ORMSBY MERCEDES 40th is a son of Sir Pietertje Ormsby Mercedes, with five daughters above 1,000 lbs. butter in a year (four as four-year-olds), and Queen Piebe of Fairview 2d, that made 30.13 lbs. butter as a four-year-old and has made six yearly records, which can be said of no other cow of the breed. She is from the same dam as Queen Piebe Mercedes, with 30,230 lbs. milk in a year as a four-year-old, and is the dam of Queen Piebe Ormsby Mercedes, with over 35 lbs. butter in seven days and close to 1,200 lbs. in a year.

This bull is being mated with the daughters of Maplecrest Pontiac Hartog, a son of Ohio's first 30-lb. cow and Pontiac Aaggie Korndyke, with more 1,000-lb. daughters than any other bull of the breed.

The calves we are offering carry this combination of champion blood.

MEADOWHOLM FARM Peter Small CHESTERLAND, OHIO

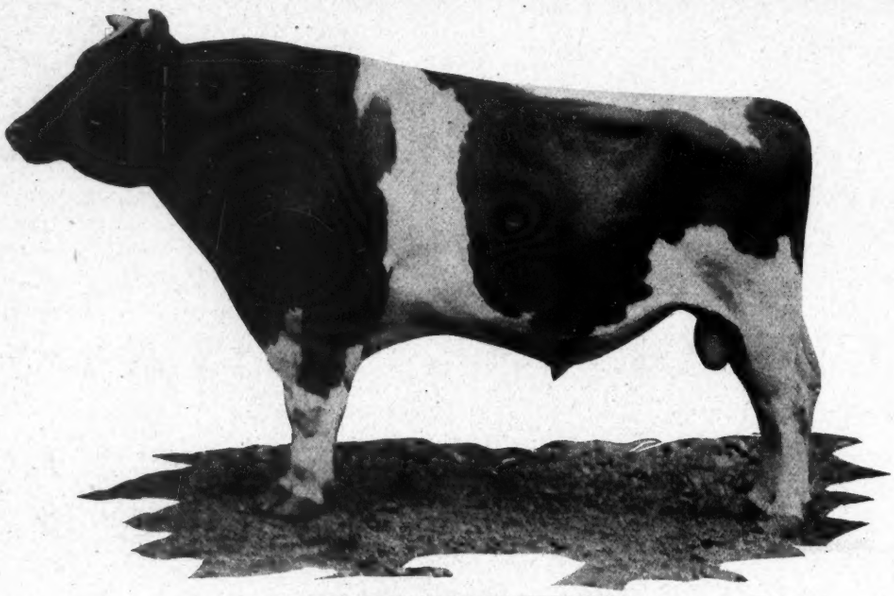


King Segis Pontiac Count

He now stands as the only sire of the breed having three daughters with seven-day milk records above 700 pounds at less than full age. In fact, but one other sire, Aaggie Cornucopia Newman, has more than one such daughter, and his total is two. We find among his daughters the American champion milk producer in the junior four-year-old class, and the world's champion for combined milk and butter in the same class; the world's champion senior three-year-old milk producer for all periods up to 120 days, and the world's champion for combined milk and butter; and in the junior three-year-old class the world's champion milk and butter. His four highest record daughters average 34.86 pounds butter, 711.9 pounds milk at an average age of 3 years 7 months. Only four animals under full age have ever equaled this showing for combined milk and butter. These four are Ormsby Jane Segis Aaggie at four and one-half years, and two daughters of King Segis Pontiac Count—Beauty Girl Pontiac Segis and Jewel Pontiac Segis, respectively junior and senior three-year-olds.

Arden Farms J. M. HACKNEY Owner **St. Paul, Minn.**

SIRE OF OVER A MILLION POUNDS OF MILK



SIR PIETERTJE ORMSBY MERCEDES

The Sire of More Milk and Butter Than Any Other Bull in the World

HIS DAUGHTERS HAVE PRODUCED under actual test over 50,000 lbs. butter and 1,000,000 lbs. milk.

THESE FIGURES ARE ALMOST beyond imagination but indicate only part of the wonderful producing ability of the daughters of Sir Pietertje Ormsby Mercedes.

SIR PIETERTJE ORMSBY MERCEDES has more daughters with yearly records than any other bull and has also

MORE DAUGHTERS WITH consecutive yearly records than any other bull.

FIVE OF HIS DAUGHTERS have produced from 1,028 to 1,390 lbs. butter in a year with an average of 25,500 lbs. milk.

NO OTHER SIRE CAN SHOW five daughters with equal production for both milk and butter and but one other sire has as many above 1,000 lbs.

FOUR OUT OF THE FIVE thousand-pound daughters of Sir Pietertje Ormsby Mercedes are four-year-olds.

IN THIS RESPECT he is also unequaled as no other sire has as many thousand-pound heifers.

HE IS THE ONLY SIRE having two daughters with average yearly records above 1,300 lbs. butter and 29,000 lbs. milk.

HE IS LIKEWISE THE ONLY sire having two daughters with two-year records above 50,000 lbs. milk.

NUMBERED AMONG HIS DAUGHTERS is Queen Piebe Mercedes, the world's champion junior four with 1,389 lbs. butter and 30,230.2 lbs. milk in a year.

THE WORLD'S CHAMPION YEARLING, Chloe Pietertje Ormsby, and the youngest 900-lb. heifer, Glen Canary De Kol 2d, are also daughters of Sir Pietertje Ormsby Mercedes.

HE HAS DEMONSTRATED HIS RIGHT to be called the "World's Greatest Sire of Show Ring winners" which would indicate that his offspring carry true lines of type.

COUPLING THIS TYPE with his wonderful production makes Sir Pietertje Ormsby Mercedes very nearly the ideal sire.

WE HAVE MATED the daughters of SIR PIET with some of the highest yearly record bulls in the world and now have to offer a few bulls that combine Size, Type and Production.

The E. C. Schroeder Farms **Box 576 W, Moorhead, Minn.**

A typical lot of Sir Pietertje Ormsby Mercedes daughters. Included in the lot are cows with seven-day records up to 42 lbs. butter and 787 lbs. milk, and yearly records up to 1,390 lbs. butter and 30,000 lbs. milk.

Holstein-Friesian World

VOL. XV WATERLOO, IOWA, AUGUST 31, 1918 NO. 35

A STUDY OF THE CENTURY SIRES

THIRD INSTALLMENT

By

CLARENCE IRVING HENDRICKSON

and

SEVERT MARTIN JENSEN

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THE influence of a sire on a breed is not alone in producing a few exceptionally high record individuals. That breeders are prone to place so much emphasis on a few exceptional records has perhaps been a detriment or a criticism of Advanced Registry work. The value of a sire must be judged by the average of all of his tested daughters rather than by a few great producers, as the influence of an exceptional dam will thus be lessened.

Table XII was, therefore, constructed in order to compare the century sires according to the average seven-day production of all of their respective daughters. In this table they are rated with reference to the average fat production of all daughters in seven days. The average milk production and per cent of fat is also given.

TABLE XII

Average Seven-day Production

	Number A. R. O. daughters	Pounds milk	Per cent fat	Pounds fat
Colantha Johanna Lad	102	486.4	3.64	17.739
Hengerveld De Kol	116	448.4	3.94	17.684
King of the Pontiacs	216	418.0	4.19	17.531
Aaggie Cornucopia Johanna Lad	105	485.2	3.59	17.446
Pontiac Korndyke	143	410.9	4.16	17.131
Paul Beets De Kol	105	435.4	3.68	16.008
De Kol 2d's Butter Boy 3d	118	436.6	3.55	15.490
Homestead Girl De Kol Sarcastic Lad	107	433.6	3.54	15.351
Lord Netherland De Kol	127	397.1	3.71	14.746

In this table we notice that the average fat production of the daughters of the first five sires listed, varies but .6 of a pound from the highest to the lowest, but the average milk yield varies more than 75 pounds. The average percentage of fat varies from 3.59 to 4.19. The daily average milk yield for the daughters of Colantha Johanna Lad is 69.5 pounds, and for those of Pontiac Korndyke it is 58.7 pounds, a difference of about 10 pounds for the daughters of the highest and lowest of the first five sires in the list.

The daughters of Colantha Johanna Lad have the highest average in seven-day production both for butterfat and yield of milk. Their average per cent of butterfat is 3.64. If we calculate the fat on the 80 per cent butter basis it would make 22.174 pounds of butter.

Colantha Johanna Lad is followed very closely by Hengerveld De Kol, whose daughters average 17.684 pounds fat and 448.4 pounds milk, testing 3.94 per cent. King of the Pontiacs ranks third for fat production, but is first in average per cent of fat. The daughters of Aaggie Cornucopia Johanna Lad rank fourth in average production of fat, but are very close to first in the production of milk with only 1.2 pounds less than the daughters of Colantha Johanna Lad. The average per cent of butterfat of his daughters is 3.59. Pontiac Korndyke is the one other sire whose daughters average over 17 pounds of fat in seven days. The average per cent of fat of his daughters is 4.16 and is second only to the average percentage of his granddaughters.

The daughters of the last four sires listed have produced on an average of 1.1 to 2.4 pounds fat less than those of Pontiac Korndyke, the fifth in the list. Lord Netherland De Kol takes last place both for fat and milk production of his daughters.

There is a difference of opinion among breeders today regarding high fat and high milk yield. Some believe in a high fat yield regardless of the amount of milk produced, whereas others would combine the two. In seven-day work it is especially important that a relatively high milk yield accompany a high fat production, for the influence of the herdsman or feeder in the making of records is then lessened. The percentage of fat obtained during the test can be influenced a great deal easier than can the milk yield. It is more difficult, however, to influence the per cent of fat over a long period, such as a year, than it is to influence the amount of milk produced.

In the above table we have listed the century sires according to the average fat production of their daughters without reference to ages. When they are ranked according to fat production of their daughters by age classes, as in the seven succeeding tables, we find them arranged somewhat differently. King of the Pontiacs is placed first in all but the senior two-year-old and senior four-year-old classes.

TABLE XIII

Junior Two-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
King of the Pontiacs	44	361.2	14.079
Hengerveld De Kol	11	364.4	13.634
Colantha Johanna Lad	11	370.9	13.138
Homestead Girl De Kol Sarcastic Lad	40	352.5	12.424
Pontiac Korndyke	23	319.0	12.375
Paul Beets De Kol	14	326.4	11.042
De Kol 2d's Butter Boy 3d	23	294.4	10.449
Aaggie Cornucopia Johanna Lad	17	316.4	10.423
Lord Netherland De Kol	9	289.0	10.024

King of the Pontiacs leads in the junior two-year-old class with an average fat production for his daughters of 14.079 pounds of fat from 361.2 pounds of milk. This record is significant in view of the fact that it is the average of the records of a greater number of daughters than any other century sire has in the class.

Hengerveld De Kol ranks second for production of fat and also second for milk production. Colantha Johanna Lad ranks third for fat production but first in milk production. His daughters have an average of 370.9 pounds milk in seven days or 52.9 pounds per day. The junior two-year-old daughters of King of the Pontiacs, Hengerveld De Kol, and Homestead Girl De Kol Sarcastic Lad also have an average milk yield of over 50 pounds per day, which is a very creditable average for heifers in this class.

TABLE XIV

Senior Two-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
Paul Beets De Kol	1	439.5	15.557
King of the Pontiacs	36	361.0	15.404
Pontiac Korndyke	14	370.7	14.507
De Kol 2d's Butter Boy 3d	10	410.9	14.007
Hengerveld De Kol	5	338.0	13.719
Colantha Johanna Lad	12	364.8	12.958
Aaggie Cornucopia Johanna Lad	8	388.3	12.340
Homestead Girl De Kol Sarcastic Lad	4	340.1	11.647
Lord Netherland De Kol	9	314.2	10.939

In the senior two-year-old class King of the Pontiacs is exceeded by Hengerveld De Kol. It is hardly fair, however, to give him second place since he has 36 daughters in that class with an average fat production of only .153 pound less than the one daughter of Paul Beets De Kol. Pontiac Korndyke ranks next to his son. Both of them have daughters whose records are higher than that of the daughter of Paul Beets De Kol.

In milk production the daughter of Paul Beets De Kol also ranks first with 439.5 pounds in seven days. Those of De Kol 2d's Butter Boy 3d, rank second; of Aaggie Cornucopia Johanna Lad, third; and of King of the Pontiacs, fourth.

TABLE XV
Junior Three-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
King of the Pontiacs	26	435.0	17.767
Colantha Johanna Lad	8	416.0	15.445
Hengerveld De Kol	10	392.0	15.313
Pontiac Korndyke	10	403.8	15.194
Homestead Girl De Kol Sarcastic Lad	10	444.2	15.119
De Kol 2d's Butter Boy 3d	10	412.4	14.923
Paul Beets De Kol	11	399.5	14.417
Aaggie Cornucopia Johanna Lad	6	419.3	13.090
Lord Netherland De Kol	8	324.4	11.193

In the junior three-year-old class, King of the Pontiacs again leads in fat production of daughters, but is second in average yield of milk. The average fat production of the daughters of King of the Pontiacs is more than 2.3 pounds in excess of those of his nearest competitor, Colantha Johanna Lad.

Homestead Girl De Kol Sarcastic Lad takes first place for average milk production of daughters in seven days. The average is 444.2 pounds and is approximately nine pounds higher than that for the daughters of King of the Pontiacs. The daughters of Colantha Johanna Lad rank third in milk production and are followed closely by those of De Kol 2d's Butter Boy 3d.

TABLE XVI
Senior Three-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
King of the Pontiacs	31	440.7	18.015
Colantha Johanna Lad	7	487.7	17.856
Homestead Girl De Kol Sarcastic Lad	7	433.6	16.751
Pontiac Korndyke	19	413.4	16.047
De Kol 2d's Butter Boy 3d	12	451.1	15.422
Hengerveld De Kol	10	394.3	15.256
Aaggie Cornucopia Johanna Lad	9	360.0	14.780
Paul Beets De Kol	9	379.4	13.795
Lord Netherland De Kol	8	336.1	12.962

King of the Pontiacs again heads the list in the senior three-year-old class for average fat production, but is followed very closely by Colantha Johanna Lad whose seven daughters average but .16 pound less than those of the former sire. In this table Homestead Girl De Kol Sarcastic Lad comes up to third place with an average for his daughters of 16.751 pounds of fat. Pontiac Korndyke again takes fourth place.

The daughters of Colantha Johanna Lad exceed the daughters of any other sire for milk production in this class with an average of 487.7 pounds. Those of De Kol 2d's Butter Boy 3d are second and those of King of the Pontiacs, third.

TABLE XVII
Junior Four-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
King of the Pontiacs	23	446.0	19.335
Pontiac Korndyke	22	473.3	19.170
Paul Beets De Kol	7	480.4	18.987
Hengerveld De Kol	7	481.8	18.795
Colantha Johanna Lad	8	510.3	18.130
Homestead Girl De Kol Sarcastic Lad	11	491.7	17.451
De Kol 2d's Butter Boy 3d	11	472.2	16.574
Aaggie Cornucopia Johanna Lad	11	486.2	14.937
Lord Netherland De Kol	8	354.4	12.200

In the junior four-year-old class the daughters of King of the Pontiacs exceed those of Pontiac Korndyke in average fat production by .165 pounds. They have a considerably smaller milk yield, however. The daughters of Paul Beets De Kol come up to third place in Table XVII, but are closely followed by those of Hengerveld De Kol.

Colantha Johanna Lad takes fifth place for fat production of daughters, but he takes first for milk yield. His eight daughters in this class average over 500 pounds of milk in seven days. The daughters of Homestead Girl De Kol Sarcastic Lad are second in milk production and those of Aaggie Cornucopia Johanna Lad are third.

TABLE XVIII
Senior Four-year-olds

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
Colantha Johanna Lad	16	516.6	19.553
Hengerveld De Kol	11	491.1	19.101
Pontiac Korndyke	15	469.6	18.907
King of the Pontiacs	16	437.0	18.810
Paul Beets De Kol	7	466.5	17.712
Aaggie Cornucopia Johanna Lad	13	515.9	17.406
Homestead Girl De Kol Sarcastic Lad	7	487.4	17.376
De Kol 2d's Butter Boy 3d	10	460.4	16.283
Lord Netherland De Kol	7	411.1	15.524

In the senior four-year-old class we have a different arrangement from any of the others. Here we find the daughters of Colantha Johanna Lad first both in production of fat and milk. The daughters of Hengerveld De Kol in this class also have an average fat production of over 19 pounds, but are third in average yield of milk. Aaggie Cornucopia Johanna Lad stands sixth. His daughters have an average fat production of only 17.406 pounds, but in milk production they are but .7 of a pound below those of Colantha Johanna Lad.

In the previous tables we have seen King of the Pontiacs at the head in nearly all cases, but here he takes fourth place. In milk production his sixteen daughters average but 437 pounds. The daughters of seven other sires average above 465 pounds of milk for seven days.

TABLE XIX
Aged Cows

	Number A. R. O. daughters	Average seven-day production Pounds milk	Pounds fat
King of the Pontiacs	40	513.8	21.316
Colantha Johanna Lad	40	551.2	20.075
Pontiac Korndyke	40	497.2	19.988
Hengerveld De Kol	62	480.6	19.122
Aaggie Cornucopia Johanna Lad	41	567.1	18.362
Homestead Girl De Kol Sarcastic Lad	28	515.8	18.320
De Kol 2d's Butter Boy 3d	42	506.9	18.280
Paul Beets De Kol	56	469.2	17.475
Lord Netherland De Kol	78	435.8	16.464

The aged cow class presents some very interesting data since a comparatively large number of daughters of each sire is considered. The daughters of King of the Pontiacs are first in fat production. They have an average of more than one pound to their credit in excess of the fat production of the daughters of Colantha Johanna Lad, which rank second.

In milk production the daughters of Aaggie Cornucopia Johanna Lad rank first. The average daily milk yield of his 41 daughters is 81 pounds. The average milk yield of five of the sires is above 500 pounds in seven days. The daughters of Pontiac Korndye also average nearly 500 pounds in seven days. The daughters of Lord Netherland De Kol average approximately five pounds of fat less than those of King of the Pontiacs.

In summing up the above facts we find that King of the Pontiacs stands first in all but the senior two-year-old and senior four-year-old classes for the production of fat of daughters. In the former class he stands second to Paul Beets De Kol, but we are reluctant to give him second place since only one daughter of Paul Beets De Kol is considered.

Colantha Johanna Lad is second in the junior and senior three-year-old classes and also in the aged cow class. He is third in the junior two-year-old, but first in the senior four-year-old class. He has the highest milk yielding daughters in all but the senior two-year-old, junior three-year-old and aged classes. In the aged cow class the milk yield of his daughters is the second highest.

Pontiac Korndyke is second in the junior four-year-old class, third in the senior two-year-old, senior four-year-old and aged classes, and fourth in both of the three-year-old classes. His daughters do not rank higher than fifth in any of the classes for milk production.

Aaggie Cornucopia Johanna Lad and Homestead Girl De Kol Sarcastic Lad rank fairly high for milk production of daughters. Those of the former are first in milk yield in the aged class, second in the senior four-year-old class, and third in the senior two-year-old and junior four-year-old classes. The daughters of the latter sire are first in the junior three-year-old class, second in the junior four-year-old class, and third in the aged class.

Hengerveld De Kol ranks second for the production of butterfat in the junior two-year-old and senior four-year-old-classes and third in the junior three-year-old class. Lord Netherland De Kol takes last place for all classes in both milk and fat production.

In order to have a more accurate method of judging sires than by the number of A. R. O. daughters or even the number of high record daughters or percentage of high record daughters, Prof. W. E. Carrol of the Utah Experiment Station worked out a system of rating which would tend to overcome the disadvantages. The system is discussed in Bulletin 153 of the Utah station.

Each tested daughter of a sire was given a rating. This was done by considering the age requirement of the association as 100 per cent. If a daughter in the junior two-year-old class produced 7.2 pounds of fat she was given a rating of 100 per cent. If she produced 10.8 pounds she was given a rating of 150 per cent. A cow in the aged class which had produced 18 pounds of fat would also be rated at 150 per cent. The average rating of all of the A. R. O. daughters of a sire would be considered the rating of the sire.

Although the Carrol system of comparing the value of sires to the breed has many advantages, it is not without fault. First, it considers only the daughters which have made the Advanced Registry. This is also one of the disadvantages of the other methods we have used. Second, it does not consider the breeding or producing ability of the dams of the daughters. Third, it does not consider the age of the sire himself nor the length of time he has been used. Fourth, it does not consider the number of daughters given a chance to make records far above the requirements for entry into the Advanced Registry.

In Table XX the century sires are rated according to the records of their daughters found in the 28th volume of the Blue Book. The method used was shorter than that described above, but was on the same principle. The total records of the daughters in a class were divided by the requirements for the respective classes. These quotients were the total rating of all daughters in each class. The quotients were then added and this total divided by the total number of A. R. O. daughters of a sire. The last quotient was the average rating of all daughters of a sire and was taken as the rating of that sire.

To illustrate, suppose the total records of 10 junior two-year-old daughters of a sire is 108 pounds of fat. When this is divided by the requirement for the class, 7.2 pounds, we have the total rating for the class. We could now get the average individual rating for each class, but by adding the totals of all classes and dividing the grand total by the number of daughters in all classes, we at once obtain the average rating of all. This is then taken as the rating of the sire.

TABLE XX

Rating of Sires According to Seven-day Production of Daughters

	Total A. R. O. daughters	Rating of sire
King of the Pontiacs	216	202
Colantha Johanna Lad	102	172
Pontiac Korndyke	143	171
Hengerveld De Kol	116	167
Homestead Girl De Kol Sarcastic Lad	107	161
De Kol 2d's Butter Boy 3d	118	155
Paul Beets De Kol	105	152
Aaggie Cornucopia Johanna Lad	105	150
Lord Netherland De Kol	127	134

In this table we find King of the Pontiacs leading by a wide margin. In fat production his daughters average over 200 per cent above the requirements for entry into the Advanced Registry. When we consider the large number of daughters concerned in calculating this rating, it must be granted that this sire excels the other century sires by far for seven-day fat production of daughters. We shall later see how they compare in yearly work.

Colantha Johanna Lad stands second with a rating of 172. If fractions were considered we would find that he exceeds Pontiac Korndyke by only one-fifth of a point. Hengerveld De Kol takes fourth place with a rating of 167. Homestead Girl De Kol Sarcastic Lad is fifth; De Kol 2d's Butter Boy 3d, sixth; and Paul Beets De Kol seventh. We recall that his senior two-year-old daughter exceeded the daughters of King of the Pontiacs in her class for average fat production. She would rate nearly 200 per cent, whereas the average rating of all of the daughters of Paul Beets De Kol is but 152. Here is further evidence that the value of a sire should not be judged by the production of a few exceptional daughters. Aaggie Cornucopia Johanna Lad is eighth in the above table. These data show that in the light of modern methods of breeding, developing and testing cattle a sire ought to rate at least 150 per cent.

Holstein enthusiasts have often been criticised by the other breeds for placing so much emphasis on seven-day tests rather than on yearly work. In the past few years they have met these criticisms squarely by developing the greatest long-distance producers the world has ever known. The present world's record is held by a Holstein, Duchess Skylark Ormsby, who produced in 365 days, 1,205.09 pounds of fat equal to 1,506.36 pounds of 80 per cent butter.

All of the century sires are credited with having one or more daughters with a yearly record. Lord Netherland De Kol has but one daughter with a yearly record, whereas King of the Pontiacs has 36.

In the following table the century sires are listed according to the average yearly fat production of their daughters. The number tested is also given.

TABLE XXI

	Number tested	Average yearly fat production
Hengerveld De Kol	6	686.219
Paul Beets De Kol	4	668.790
Colantha Johanna Lad	10	658.968
Pontiac Korndyke	5	646.842
Aaggie Cornucopia Johanna Lad	3	641.592
Homestead Girl De Kol Sarcastic Lad	18	622.854
King of the Pontiacs	36	622.468
De Kol 2d's Butter Boy 3d	9	582.246
Lord Netherland De Kol	1	477.144

In this table no consideration is given to the ages at which the yearly records were made. We note that Hengerveld De Kol leads with an average production for his daughters of 686.219 pounds of fat. This is the average of six records, one of which was made by a junior two-year-old and the remainder by aged animals. Paul Beets De Kol is second in the table with an average of 668.790 pounds of fat from four daughters, one of which made her record as a three-year-old; the others made their records as aged animals. Colantha Johanna Lad stands fourth. Of the ten yearly record daughters only one made her record as a two-year-old, five made their records as three-year-olds, three as four-year-olds, and one as an aged cow.

Pontiac Korndyke has five yearly record daughters, two of which made their records in the two-year-old form. Aaggie Cornucopia Johanna Lad has three, none of which made their records in either the two- or three-year-old form. Homestead Girl De Kol Sarcastic Lad has 18 yearly record daughters, 10 of which made their records as two-year-olds. King of the Pontiacs has 36 yearly record daughters. Of these 32 made their records as two-year-olds, and have a higher average by far than the two-year-olds of any other century sire. De Kol 2d's Butter Boy 3d has nine yearly record daughters, six of which made their records as two-year-olds. The daughter of Lord Netherland De Kol made her record in the aged form.

It is obvious that a comparison of the century sires on the basis of yearly fat production of daughters irrespective of the ages at which the records were made would be unjust to those whose daughters made their records in the early period of their lives. We have, therefore, rated these sires in Table XXII by a method similar to that used in the seven-day rating. The requirements for entry of a semi-official record into the Advanced Register of Blue Book was taken as 100 per cent. The requirement for a cow which was exactly two years of age on the day of last calving is 250.5 pounds fat; and for each day she may exceed two years of age at the last calving the requirement is increased one-tenth of a pound. At five years of age a cow must, therefore, produce 360 pounds of fat. When an animal reaches the age of five years, no further increase is required.

Instead of rating the daughters according to age classes and having one requirement for a class as was done in the seven-day rating, each of the yearly record daughters was rated individually. If an animal was exactly two years of age at the time of calving and produced 250.5 pounds of fat during 365 days (or less), of that lactation period, she was rated at 100 per cent. If she produced over that amount she was rated accordingly. The exact age of all daughters was considered in the yearly rating of their sires. The individual ratings of all daughters of a sire were averaged and this average was then considered the rating of that sire. In Table XXII the century sires are listed according to the average yearly rating of their daughters.

TABLE XXII

	Number A. R. O. daughters	Rating of sire
King of the Pontiacs	36	222
Colantha Johanna Lad	10	212
Homestead Girl De Kol Sarcastic Lad	18	211
De Kol 2d's Butter Boy 3d	9	211
Pontiac Korndyke	5	198
Hengerveld De Kol	6	197
Paul Beets De Kol	4	196
Aaggie Cornucopia Johanna Lad	3	179
Lord Netherland De Kol	1	133

(Continued on page 46)

The Leaders for 1918-19

THE first report from the Advanced Registry office for Volume 30, covering the fiscal year 1918-19 is received. This in many respects is one of the strongest reports ever issued as will be seen by the following list of leaders for butter and milk production in the seven and 30-day divisions. The records which are starred would have won first prize for the past year if they had been reported in time for inclusion in Volume 29.

Butter Seven Days

Aged	Leafy Dawn De Kol 112845	43.19
*4½ years	Tietje Queen De Kol 2d 228996	43.29
4 years	Idleaze Pontiac Lass 238652	42.50
3½ years	Julia Betsey Pontiac 268154	36.49
3 years	Marion Clover Blossom 3d 265201	33.45
2½ years	Glen Alex Tweede De Kol 295522	30.99
2 years	Avon Belle De Kol Pontiac 2d 325578	25.51

Butter 30 Days

Aged	Korndyke Queen De Kol 6th 138031	150.96
4½ years	Princess Natoye 2d 209147	125.42
4 years	Idleaze Pontiac Lass 238652	141.23
3½ years	S. F. K. P. Mechthilde 247368	125.86
*3 years	Marion Clover Blossom 3d 265201	137.96
2½ years	North Country Ladoga Dutchland Alice 290474	105.38
2 years	Lady Booz Koningen 305701	96.69

Milk Seven Days

Aged	Canary Paladin Vale 84403	828.5
4½ years	Tietje Queen De Kol 2d 228996	639.2
4 years	Verona De Kol Beets 238719	720.1
3½ years	Beauty Beets Segis 242108	651.9
3 years	Elmwood Mercedes Fobes 308501	625.9
*2½ years	Georgie Pontiac 2d 283593	636.2
2 years	Agatha Pietertje Butter Maid 299144	486.1

Milk 30 Days

Aged	Canary Paladin Vale 84403	3,102.0
4½ years	Allenvail Pauline Walker 252784	2,654.4
4 years	Idleaze Pontiac Lass 238652	2,811.2
3½ years	Beauty Beets Segis 242108	2,611.0
3 years	Elmwood Mercedes Fobes 308501	2,633.5
2½ years	Fancy Korndyke Segis 303835	2,479.2
2 years	S. F. K. P. 6th Pietje 333878	2,025.4

A study of these leading records from the standpoint of distribution by states shows New York with a commanding lead having nine out of 14 leaders for butter production and six out of 14 for milk production. The following table gives the summary:

TABLE 2

Leaders for the Current Year by States

	Butter	Milk	Total
New York	9	6	15
Maine	2	0	2
Canada	2	0	2
Minnesota	0	2	2
Wisconsin	0	2	2
California	0	2	2
Indiana	1	0	1
Texas	0	1	1
Ohio	0	1	1

Of special interest is the fact that New York in this report has better than a majority of the whole list of leaders, also that one of the class leaders for the year comes from the state of Texas.

Report No. 1, covering the period from May 1st to June 21st, is remarkable in having more 30-pound records than any other report from the Advanced Registry office has ever contained. No less than 45 different 30-pound records are reported, of which 34 are new additions to the 30-pound list and 11 are repeaters. Four of the number make over 40 pounds, including a 43-pound nine-year-old, a 43-pound senior four-year-old, a 42-pound and a 40-pound junior four-year-old.

The full-aged class with 31 30-pound records is headed by Leafy Dawn De Kol with the splendid production of 43.19 pounds.

In second place comes the Canadian cow, Korndyke Queen De Kol 6th with 37.26 pounds butter and 781.5 pounds milk. Her 30-day record of 150.96 is the leading 30-day milk record being only one pound behind the leader.

The world's champion 12-year-old, Canary Paladin Vale, is here officially reported with 35.36 pounds butter, 828.5 pounds milk, the milk record being not only a world's record for her age, but the leading 30-day milk record for the year.

The list of 30-pound cows in the full-aged class includes a 35-pound daughter for King Segis, a 34-pound daughter for Prince Hengerveld Pietje, a 33-pound daughter for King Lyons, a 31-pound daughter for King Pontiac Champion and 30-pound daughters for Colantha Johanna Lad King Aaggie Segis, Sir Ormsby Hengerveld De Kol and two for Dutchland Colantha Sir Inka.

Tilly Alcartra is here officially reported with a record made 105 days after calving of 748.9 pounds, 29.6 pounds butter. She is on the way to a new world's record for milk production in the yearly division. The leading senior four-year-old and, in fact, the leading seven-day producer for the year thus far is Tietje Queen De Kol 2d with 43.29 pounds. Her milk production of 639.2 pounds is also the leading milk record of her class for the year. She is the second daughter of her dam, Tietje Queen De Kol to make better than 42 pounds in seven days.

The junior four-year-old class brings out two 40-pound heifers both averaging better than 100 pounds milk per day; the leader, Idleaze Pontiac Lass, a daughter of King of the Pontiacs, makes 42.5 pounds butter from 715.5 pounds milk, while Verona De Kol Beets with 40.14 pounds butter is slightly ahead for milk with 720.1 pounds. This class also brings out another 30-pound daughter for King Aaggie Segis.

In the senior three-year-old class, the leader is Julia Betsey Pontiac, a daughter of the coming young sire, Cornucopia Korndyke Pontiac, her figures being 36.49 pounds, which places her well up among the leaders in her class.

The leading 30-day record in this class is made by S. F. K. P. 6th Mechthilde, a daughter of Spring Farm King Pontiac 6th. Her figures are 125.86 pounds.

The leading milk producer for both seven and 30 days in the senior three-year-old class is Beauty Beets Segis, a daughter of King Segis Pontiac Count. Her figures for seven days are 651.9 pounds and in 30 days 2,611 pounds.

The junior three-year-old class brings out a new champion for New England in Marion Clover Blossom 3d with 33.43 pounds butter in seven days, 137.96 pounds in 30 days. This 30-day record is the third largest ever made in her class and would have won first prize in the past year.

The senior two-year-old class is headed by another daughter of Tietje Queen De Kol, the only 42-pound cow having two 40-pound daughters. This heifer, Glen Alex Tweede De Kol, becomes the third 30-pound daughter for her dam, with a record of 30.99 pounds at 2 years 11 months. Her sire is a son of the first 44-pound cow.

In second place comes North Country Ladoga Dutchland Alice with 26.23 pounds completing the official work of the world's record pair of twin two-year-olds, her twin sister making over 31 pounds. Her 30-day record of 105.38 pounds is the leading record of the year.

There are a splendid string of other two-year-olds in this class including a 25-pound heifer by King Segis Pontiac Alcartra.

Georgie Pontiac 2d, a California heifer, leads for seven-day milk production with 636.2 pounds which would have won her first place for the past year. No less than seven heifers in this class produce 500 pounds milk.

The junior two-year-old class is led by the Canadian heifer, Avon Belle De Kol Pontiac 2d with 25.51 pounds.

The leading milk producer in seven days is the Texas heifer, Agatha Pietertje Butter Maid with 486.1 pounds. This is a remarkable showing for the south.

Long-Time Tests in Progress

The report of long-time tests in progress during the month of May shows a large number of outstanding records. The highest production in pounds of fat is that of the junior three-year-old, S. F. K. P. Segis, a daughter of Spring Farm King Pontiac 6th. Her figures were 98.227 pounds. This is a remarkable start on another splendid year's work for this heifer.

Heading the full-aged class are a number of old friends. First comes Spring Brook Bess Burke 2d with 98.114 pounds fat in almost her fifth month in test. She has the remarkable total of 505.714 pounds fat in 143 days.

Closely following her in second place is Tilly Alcartra with 97.151 pounds fat and the biggest milk production of the entire report, 3,373.3 pounds in her fifth month after calving. Her total in 145 days is 15,289.7 pounds milk, and 512.448 pounds fat. It will thus be seen that Tilly

(Continued on page 56)

PICTURE GALLERY

A $10,000 40-POUND PRODUCER

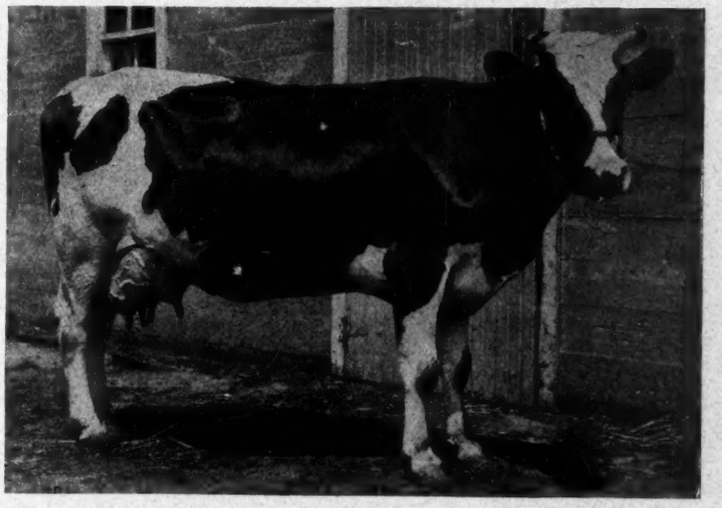
Albina Josie was the eleventh cow to enter the 40-pound list, and is one of the best known 40-pound cows. At first freshening she broke the world's record with 33.03 pounds, and came back the next year with 40.14 pounds butter, 723.3 pounds milk. She is a granddaughter of King of the Pontiacs and De Kol 2d's Butter Boy 3d, and has proved her transmitting ability through her first daughter, by Rag Apple Korndyke 8th, that has recently made 24.77 pounds as a junior two-year-old. Albina Josie was developed at Pine Grove Farms, Elma, N. Y., and was sold by them at Milwaukee for $10,000, Carnation Stock Farms being the fortunate purchasers.

Albina Josie, 40.14 pounds

ONE OF MICHIGAN'S BEST

This is Oak Valley Korndyke Beets Segis Fan that last spring as a junior four-year-old made 30.02 pounds butter from 697.6 pounds milk in seven days and 122.12 pounds butter from 2,901.00 pounds milk in 30 days. She is also the dam of Wah-be-me-me Segis Pontiac Mary with 18.7 pounds as a junior two-year-old.

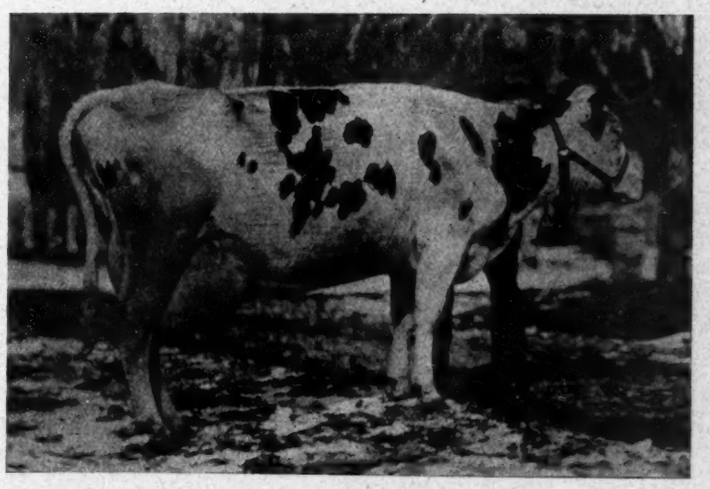
She is sired by Pontiac Korndyke Burke and is from a granddaughter of King Segis. Her owner is S. Van Kooy, White Pigeon, Michigan.



Oak Valley Korndyke Beets Segis Fayne, 30.02 pounds

A NEW CHAMPION OF THE ROCKY MOUNTAIN REGION

Ismay Belle De Kol 218028, has recently completed a record eight months after calving of 25.6 pounds butter in seven days, which establishes a new record in this division for the Rocky Mountain region and places her among the topnotchers of the breed. This record is especially creditable as it was made in July and the cow had been milked only twice a day up to within five days before the test was started. That her performance is no mere "flash in the pan" is shown by her owner's figures for her production during the last three lactation periods in which she has produced over 60,000 pounds of milk. It is interesting to note that her record when fresh was only 19.26 pounds, which shows a persistency of a very high order. She is a daughter of Sir Bos De Kol, who is a grandson of the imported bull, Karel Bos. She was bred by Jerome Home, Wenona, Ill., and is now owned by Donley & Simpson, Mt. Morrison, Colo.



Ismay Belle De Kol, 25.60 pounds

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WATERLOO, IOWA, AUGUST 31, 1918

Despair in Berlin

"THE MARNE DEFEAT," says the Berliner Tageblatt, one of the principal newspapers of Germany, "has produced unspeakable scenes of despair in Berlin. Such outbreaks of utter discouragement and down-heartedness never before were witnessed."

The reason is not far to find. The populace of Berlin had been fed with lies concerning America's contribution to the strength of the Entente from the time this country entered the war. It had been told that the only Americans at the front were a comparatively small body that was being used as a gang of laborers and not as fighting men. It had been assured that even should any considerable force of American soldiers enter the conflict at a later date, they would be merely boasters, utterly inexperienced in the methods of modern warfare, and not amenable to the discipline that is all-important in this great struggle.

Then came the awakening. No wonder Berlin was plunged into despair. If American troops have already done so much, what may be expected when their numbers are quadrupled, with four times as many still to go if they are needed?

The first victories of Americans in the field have shattered the morale of German soldiers and German civilians. Now, while Berlin despairs and the foe generally is tottering, it is for those of us who remain at home to deliver a shrewd, stunning blow on our own account.

In a few weeks, our government will offer a Fourth Liberty Loan. With Berlin in the condition described by the Tageblatt, it is not difficult to imagine the eagerness with which this campaign will be followed in the German capital. It is for everyone of us now to dedicate himself to the purpose of giving such an object lesson to Berlin that despair there may be replaced by determination to overthrow the rulers who have brought the country to ruin by systematic misleading of the people.

A Good Suggestion

E. W. LEHMAN of the University of Missouri suggests that replacement for broken parts from farm machinery be ordered at this time even though the machinery itself may not be used until next year. The farmer now has in mind the worn or broken parts of the machine he has just been using and by ordering them immediately he can make sure that every machine will be in running condition when it is needed. If this ordering of new parts is postponed until a later day it may be overlooked until the actual time for using the machine arrives. Another consideration is the question of service. Many implement makers are taking on a constantly increasing amount of war supply work, and this fact in connection with transportation uncertainties adds to the soundness of Mr. Lehman's suggestion that these parts be ordered right now while the subject is fresh in mind.

Dairy Breed Boosters

A WELL deserved tribute is given in a recent number of the Iowa Homestead to the important part played by the breeders of purebred dairy cattle in advancing the cause of dairying in general. This cornbelt publication, which has a definite leaning toward the beef industry, we believe presents a fair statement of the case when it says that much of the progress in dairy cattle breeding may be justly credited to worthy efforts of the several record associations and their members. Continuing we quote: "For years the adherents of each dairy breed have assumed a responsibility of informing the public as to the advantages of the dairy business and more especially as to the merits of that particular breed. * * * An element of fairness and broadmindedness always characterizes the boosters for each breed. There is no bitter antagonism between any two. There is friendly rivalry, but this is of the constructive type. There is nothing in it to tear down the good work that is being done in favor of dairy cattle of other colors and slightly different characteristics. Dairying and its allied interests, especially the purebred cattle business, are put first." The Homestead then goes on to say that any man has the right to feel an immense pride in the breed of his choice and that any of the dairy breeds is worthy of its best efforts. The work of the several breeds of dairy cattle is likened to the great allied army now in Europe. The make-up of the several sections differ and the methods and manner of attack may differ somewhat. The object in each case is the same and the success of each is a success for the other. Notice is taken of the fact that no single group of men have owned the greater proportion of the noteworthy animals. Great performances of individual cows have not been confined to any one breed or locality. In conclusion the Homestead says: "Rivalry within the breed has doubtless added materially to progress. Rivalry between breeds has aided in constructive breeding. The field of dairy husbandry is broad enough for all breeds. Boosters of each breed are showing wisdom in spending their whole energy in pushing forward."

Boosting Through Your Breed Paper

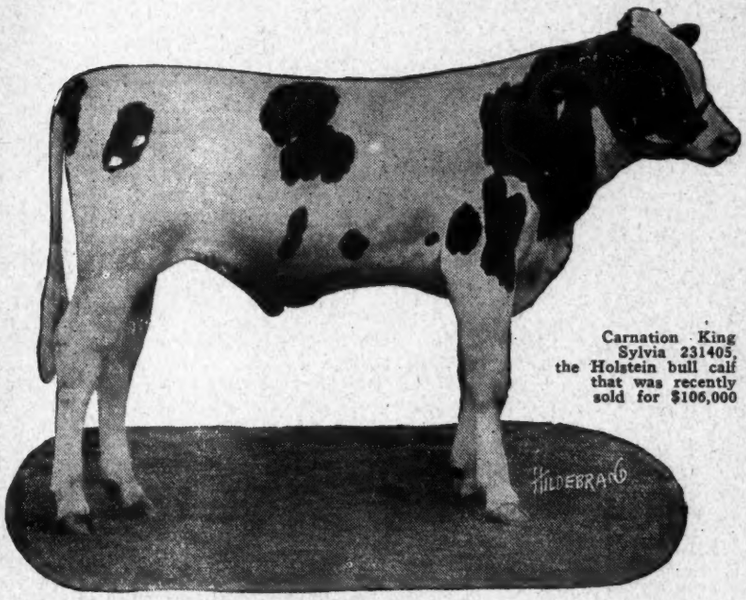
ONE sentence in the editorial referred to above has a special significance. "The cow that makes a world's record does not have time to rest over night until the world is informed of the fact." This statement strikes us as a splendid testimonial to the efficiency of the publications devoted to the dairy breeds. In this field we take not a little pride that the World is the largest and most widely distributed of any of the various breed papers. On the whole, we believe the case for these publications has not been overstated as all of them appreciate the news value for their particular breed in a startling performance for one of its members. The importance of the work they are doing along this line cannot be overestimated and is, we believe, not generally appreciated to its full extent. We have for a long time contended that the breeder who sent along good photographs of his high class animals and wrote his breed publication promptly whenever any developments of interest came within his notice, was benefiting himself most of all, but at the same time was doing constructive service for the breed and, lastly, was helping to make the publication of greater interest. Therefore, the next time you receive a communication from the editor asking for photographs and information concerning your Holsteins do not view it as a nuisance which you will take care of when you have time, but consider it in its true light as benefiting yourself first and most of all. Consider it as a part of your duty to your breed to assist in extending its influence, and lastly, consider the editor in his efforts to build an interesting sheet that will in itself help extend the influence and sell the idea of your favorite breed. Also, if you do not receive a letter from the editor with a specific request, consider that such material is always welcome and make this printed invitation a personal one unto yourself.

Our Cover Subject

THE cover this week shows a group of Holsteins on the Stanford Ranch in California previous to their dispersal about a year ago. The first A. R. O. work ever undertaken on the Pacific coast was conducted in this herd and this scene best illustrates the ideal conditions under which these heavy producing Holsteins must labor in the land of sunshine and flowers.

The "Why" of The $106,000 Bull Calf

By W. C. Jeffries



Carnation King Sylvia 231405, the Holstein bull calf that was recently sold for $106,000

WE cannot always understand the motive that impels another to invest a huge sum of money in some pet enterprise. Each one of a score of persons might give a different guess as to the reason for the enthusiasm that causes an investor to go beyond all precedent in what might be termed extravagant buying. Just at present the most interesting, not to say exciting, subject for discussion among Holstein breeders is the new price for a bull, a doubling of the previous world's record price within a year. The Carnation people know why they paid the price, and the rest of us ought to be able to give a mighty good guess.

It was not the almost perfect individuality of the calf that caused all price records to be broken—others are just as good. It was not the butter records of its ancestors that did it—others with much higher record backing have sold for much less. It would seem that our most far-sighted Holstein breeders are taking my own view of the best method of keeping the Holstein cow at the head of the procession. I have frequently expressed my view in this one sentence, "You can fool a Holstein into giving high testing milk, but you can't fool her into giving a great quantity of milk."

The outstanding difference between this famous calf and others is his enormous milk inheritance. May Echo Sylvia, the dam, holds so many records in the line of milk production that there is no room for more. While it worries the average Holstein to give 60 pounds per day this great champion averaged 129 pounds for 100 days. The beauty of it all is that she is not a mere accident, but she has inherited her famous powers from remarkable ancestors. Having a royal inheritance as a milk producer she should become famous as a transmitter of milking tendencies to future generations. Other cows might be named that have very good records but without any particular inheritance as milkers; they seem to be mere accidents, and few breeders would care to gamble on their chances to perpetuate their own characteristics.

Where did May Echo Sylvia get her phenomenal milking qualities? Certainly from both sides of her pedigree, although I have yet to see a single word that would indicate that she has inherited even one small virtue from her sire, Inka Sylvia Beets Posch, who has another daughter with 33 pounds butter from over 700 pounds of milk. His milk inheritance is too good to be set aside in our endeavor to trace the astonishing abilities of this great cow. The first "Sylvia" appearing in this pedigree, or in any pedigree, I believe, is Carmen Sylvia that made 19.33 pounds butter from 529 pounds of milk. If the reader will observe the milk records as given in the Blue Book he will find comparatively few as high as 500 pounds in seven days. Cows with two daughters with milk records over 540 pounds each are just about as scarce as "hen teeth" but Carmen Sylvia had two daughters with records of 543 and 568 pounds, the higher record by Inka Sylvia, whose daughter, Inka Sylvia De Kol, made over 26 pounds butter from 605 pounds milk, and it is this cow that has the distinction of being the dam of Inka Sylvia Beets Posch, whose sire, Sir Alta Posch Beets, is by Sir Pietertje Posch who has a daughter close to the 700-pound mark, a second over 600 pounds, and two others over 560 pounds. Sir Pietertje Posch is from the former world's record two-year-old, Alta Posch 27 pounds butter from 586 pounds of milk.

The Posch strain is of more than ordinary notoriety in milk and butter production; in fact, is just about the best in Canada where many very eminent Holsteins have been bred and developed. It may be interesting to see a list of some noted cows of Posch breeding. It is of considerable of a task to keep up with the Posch records as the Canadian records are not all reported in our Blue Book, and only a few Canadian Holsteins are registered in our Herd Books. Below is a partial list of 30-pound cows:

In a short investigation I have found about six score of the Posch tribe in addition to the above list that have made milk records running from 500 to 675 pounds. Although the list is incomplete, still I believe that it proves that there never could have been an equal to May Echo Sylvia without the great milking Posch blood that comes through her almost neglected sire.

		Butter	Milk
1	May Echo Sylvia	41.10	1,005
2	Pet Posch De Kol	38.53	
3	Lakeview Rattler	37.54	724
4	Lady Belle Posch	35.42	702
5	Polly Posch	34.60	700
6	Madam Posch Pauline	34.28	835
7	Lawncrest May Echo Posch	33.78	701
8	Pontiac Korndyke Maid	33.75	535
9	Moonlight Cornucopia Pietertje	33.62	556
10	Belmont Pauline Clothilde	33.28	717
11	Tidy Abbekerk Princess Giselle	32.99	613
12	Fairmount Netherland Posch	32.54	571
13	Tidy Abbekerk Princess Gretel	32.29	559
14	Ada Cornucopia Posch	32.20	593
15	Tidy Abbekerk Princess Jewel	31.70	608
16	Roxie Pauline De Kol Posch	31.18	675
17	Zarilda Clothilde 3d De Kol	31.17	835
18	Tidy Abbekerk Princess Lois	30.54	578
19	Tidy Abbekerk Princess Alche	30.27	634
20	Tidy Abbekerk Princess Pauline	30.26	501
21	Tidy Abbekerk Brunnhilde De Kol	30.23	513
22	Johanna Rue Luraine 2d	30.20	704
23	Tidy Abbekerk Princess Bettina	30.13	617
24	Maple Knoll Paula 3d	30.10	594
25	Geertje Queen De Kol Posch	30.05	625

The dam of this great cow, May Echo Verbelle, has rightly been mentioned very frequently in connection with the 1,000-pound milk record, and she cannot be mentioned too frequently, as her breeding powers are very great, she having four daughters with milk records of 603, 663, 701 and 1,005 pounds, and butter records of 21, 28, 33 and 41 pounds. Her own record is 29.89 pounds butter from 660 pounds milk. The next dam is May Echo, 31.34 pounds butter from 726 pounds milk and better still, a year's record of 1,042 pounds butter from 23,707 pounds milk.

The sire of the $100,000 calf, King Echo Sylvia Johanna, carries an abundance of the blood that does things in the lines of both milk and butter production. His sire, Avondale Pontiac Echo, is from May Echo Sylvia, already mentioned as the dam of the calf and is by King Pontiac Artis Canada who is by King of the Pontiacs and out of Pontiac Artis, 31.71 pounds butter from 550 pounds milk and 1,077 pounds butter from 21,385 pounds milk in a year. She was by Hengerveld De Kol, who has 116 record daughters, 35 of which made over 500 pounds of milk in seven days. The dam of King Echo Sylvia Johanna is Belle Model Johanna 2d that made a record of 37 pounds butter from 546 pounds milk and at next freshening made 37.33 pounds from 568 pounds milk. It is a pity that these two 37-pound records had to be made from milk testing well above 5 per cent. It is the writer's opinion that Belle

(Continued on page 46)

NEWS OF THE TRADE

KING PONTIAC MAYFLOWER DEAD

King Pontiac Mayflower, the famous 31-pound son of King of the Pontiacs, formerly heading the herd of H. M. Dunham & Son, Marcellus, N. Y., recently died of blood poisoning. His disposition was becoming rather cross-grained and he was therefore dehorned. Immediately after the operation a coating of tar was placed over the stubs of the horns, which kept the flies away effectively, but held in the matter formed in the healing process. This caused blood poisoning which resulted in the death of the bull. He was a respected member of the community at Lacona, N. Y., at the time of his death, standing in service at the farm of Stevens & More. King Pontiac Mayflower was proving one of the most promising sons of King of the Pontiacs, several of his first daughters starting out with records better than 20 pounds.

S. L. PIERREPONT IN SERVICE

Seth Low Pierrepont, a prominent Holstein breeder of Ridgefield, Connecticut, and the owner of a number of prize winners last year, has entered the service with the Flying Corps of the Naval Reserves. In addition to his other activities Mr. Pierrepont was president of the County Farm Bureau, which expresses strong appreciation of his activities in this work.

A LUCKY THIRTEEN

J. D. High of Modesto, Cal., believes that 13 is a lucky number. Of the last 13 calves dropped in his Holstein herd 11 have been heifers, which is enough to make any Holstein dairyman smile.

NIAGARA BREEDERS ON TOUR

A tour of the Holstein establishments around Woodstock, Ont., was held recently by members of the Holstein Breeders' Association from Niagara-on-the-Lake. About 30 members participated.

CARNATION STOCK FARM ENTERTAINS

The county commissioners from the various counties in the state of Washington, who have been holding their annual convention in Seattle, were entertained at dinner by E. A. Stuart at Carnation Stock Farms. Speeches were made pointing out the great future possibilities of Washington as a dairy state and the whole assemblage had their photographs taken with the $106,000 bull calf in the foreground. The whole party was driven to Hollywood Farms where they were shown the 42-pound world's champion two-year-old, Judge Segis, the senior herd bull, and a wonderful string of other individuals.

ALMOST A 32-POUND COW

Mottled Twisk De Kol Mutual has recently completed a record at Pine Grove Farms of 31.97 pounds butter, 526.5 pounds milk. She is further distinguished as being the dam of Mottled Twisk Pontiac Mutual, a junior four-year-old that was reported last week with a record of 37.37 pounds.

A SIRE THAT IS MAKING GOOD

Woodcrest Sir Clyde took his place as junior sire at Avondale Farm, Brockville, Ont., with a big job cut out for him to measure up to the standard of the other Avondale herd sires. The way in which he is doing this is shown by an inspection of the records of his first daughters to freshen. The latest report from Superintendent Gardner shows in the junior two-year-old class a 24-months-old daughter of this bull with the splendid record of 25.51 pounds. Another 24-months-old heifer crosses the 20-pound mark and we find in previous reports two other two-year-olds both better than 22 pounds. His other four daughters thus far reported have records ranging from 16.7 pounds to 18.38 pounds, the entire eight averaging 19.75 pounds as junior two-year-olds. The entire list averages to test well over four per cent. Woodcrest Sir Clyde is a son of Pietje 22d's Woodcrest Lad, the famous son of the 31-pound imported cow, Pietje 22d. His dam, Alma Clyde, is a 32-pound daughter of the great butterfat sire, Sir Clyde, and has proved her work in long-time test and also through a daughter that has made over 30 pounds. The accompanying photograph shows Woodcrest Sir Clyde in his two-year-old form and he has developed splendidly in the past three years being now five years of age. His get combine the same type of individuality as the picture shows for the bull himself.

BRITISH HOLSTEIN SELLS FOR RECORD PRICE

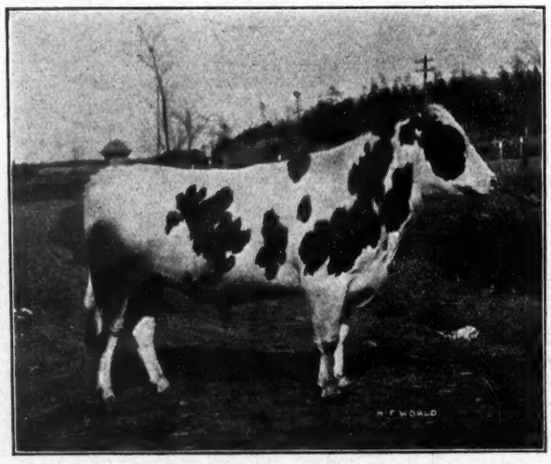
Press reports announce that Eske Hetty, a Friesian cow and the record holder for Great Britain, was recently sold for $18,375 at Heybridge, Essex. This is more money than has ever before been paid for a cow of this breed.

HOLSTEIN PROSPECTS FINE AT CANADIAN NATIONAL

We are in receipt of the following communication from the management of the Canadian National Exhibition which is to be held at Toronto, August 26th to September 7th. "Though the entries have not yet closed there is every prospect of one of the greatest Holstein shows in the history of the Canadian National Exhibition. One most encouraging feature is the large number of new Holstein breeders of small calibre who have been applying for information, prize lists and entry blanks. Many of these exhibitors have never been with us before, and so far as one can see at this early stage, the competition for the more experienced breeders and exhibitors is going to be the keenest they ever had at the Canadian National. The Holstein judging will start Thursday, August 29th, and will continue for several days until completed."

250 HIGH GRADE HOLSTEINS FROM WISCONSIN TO OKLAHOMA

During the past year more than 250 head of high grade Holsteins have been introduced into Washington county, Oklahoma, from Wisconsin. In the introduction of this stock the Oklahoma farmers have been aided greatly by the officials of the Wisconsin Livestock Breeders' Association and the College of Agricultural of the Badger state.



WOODCREST SIR CLYDE

Sire of four junior two-year-old daughters with records of 20 to 25.5 pounds. His first eight daughters to freshen average 19.75 pounds with an average test above 4 per cent fat. One of the herd sires of Avondale Farms, Brockville, Ont.

HOLCOMB TO BE HERDSMAN AT HOME FARM

W. B. Barney & Sons have secured Otis Holcomb as herdsman to take charge of their work next month. Mr. Holcomb has had charge of the yearly work in the herd of Henry Stevens & Son of Lacona, and the showing made by the members of this herd during the past three years has been very consistent. Mr. Holcomb's work will be almost entirely with daughters of Sir Sadie Cornucopia and of King Korndyke Sadie Vale 24th.

A CREDITABLE SHOWING IN THE PRIZE LIST

Fairfield county, Connecticut, is proud of the showing made by her breeders in the prize list of the Holstein-Friesian Association of America this year. Three breeders were well represented in the prize money winning, altogether 22 places and over $250 in prize money. The breeders responsible for this excellent showing were John T. Hunt, Ridgefield; S. L. Pierrpont, Ridgefield, and J. J. Herold, New Canaan.

DISTRIBUTING TWO CARLOADS OF HOLSTEINS

Arrangements are being made by the Farm Bureau and the New Wilmington National Bank for the importation of two more carloads of purebred Holsteins. Last year two carloads were brought in from Michigan under the same auspices and they have given great satisfaction.

A $500 RED CROSS CALF IN MISSISSIPPI

The $500 Red Cross calf donated by C. W. Ellis Jr. to the Red Cross branch at West Point, Miss. In the picture are the Red Cross committee in charge of the sale and Donald Thomas, the proud owner.

The accompanying picture shows a purebred Holstein calf donated by C. W. Ellis Jr., of the Maple Lawn Farm, Cortland, N. Y., to the Red Cross branch at West Point, Miss., together with the committee in charge and Donald Thomas, the proud owner of the heifer after the sale. The calf was sold at auction and netted $500 for the Red Cross. Judge Thomas, father of the boy and a noted banker of Prattville, Ala., is working with Mr. Ellis in promoting the dairy industry through the Holstein cow in the south. Mr. Ellis and Judge Thomas jointly are to sell an express carload of Holsteins, 50 head, at Prattville, Ala., September 11th. With men of this calibre back of the movement great results are bound to follow.

Lena De Kol 3d, the cow that has just finished a record of better than 1,000 pounds butter in a year for her owners, City of Cleveland Farm

ANOTHER 1,000-POUND COW AT CLEVELAND CITY

We have just finished another 1,000-pound cow which you will be interested to hear about. The cow, Lena De Kol 3d, made 1,180.05 pounds butter from 26,767.9 pounds milk, as an 11-year-old cow. Lena started her year's work with a seven days' record of 27.29 pounds butter, in 30 days 112.38 pounds butter, and eight months after calving she made 24.215 pounds butter. She is a granddaughter of Johanna Rue 3d's Lad, and she is now carrying a calf by the son of Early Dawn Peep 2d—K. L. Juve, Ohio.

K. L. JUVE ENLISTS

K. L. Juve who has been in charge of the herd at Cleveland City Farm and had such great success for some time past, has enlisted and will be in an officers' training camp in the south by September 1st. Under Mr. Juve's direction the herd has progressed until at the present time there are 15 with year's records averaging over 1,000 pounds butter and 25,000 pounds milk. Few other herds of the breed can duplicate this showing. The herd has also been consistently well up in the prize list for a number of years past.

CALIFORNIA HAS GOOD ONE

I have noticed in your paper of the breeders telling their fellow breeders of their prospects in the future development of the Holstein-Friesian cattle and I take great pleasure in writing what I think is going to be my future pleasure respecting a herd bull. I have studied pedigrees almost all my spare time and do not see how a person can expect a better one than I have just purchased.

The bull is Dean Fayne Segis, bred at Auray Farms, New Jersey. A better individual would be hard to find; he is more black than white, and as straight on the back as can be and good every way.

His sire is the best son of King Valdessa whose three nearest dams averaged for seven days 37.48 pounds butter and 652 pounds milk, and 13 nearest dams averaged 30.9 pounds butter in seven days.

Dean Fayne Segis' dam is a 27-pound four-year-old daughter of King Fayne Segis—which makes her a half sister to the only 50-pound cow, and is out of a granddaughter of Pontiac Korndyke that is sired by Pontiac Burke, a son of Duchess Ormsby Butter King, a full brother to the sire of Sadie Vale Concordia 4th, a 41-pound cow.

This breeding gives Dean Fayne Segis a double cross of Pontiac Korndyke, King Segis, King Fayne Segis and Hengerveld De Kol.

In his fifth generation he has four century sires and in his pedigree you will find 126 30-pound cows, and the blood of nine 40-pound cows. The average of his dams are as follows:

	Lbs. Butter Seven days
2 nearest dams	31.45
4 nearest dams	33.33
6 nearest dams	33.8
8 nearest dams	32.61
11 nearest dams	30.89
16 nearest dams	29.66
26 nearest dams	24.81

The record for his seven nearest dams for 30 days is 139.29 pounds butter, and nine nearest dams for 30 days is 134.02 pounds butter.

This is one of the most complete pedigrees I have ever seen and the only way I found out there was a bull of this kind was through the Holstein papers. I take all of them and am looking for more, as I never get tired, in fact, I rest when I have one to read. We need them in our business and must have them to get acquainted and know what is going on.

I hope these few lines will not take up any important space, but as I am a beginner, I want to tell the Holstein people that their ads do work in your papers, and I hope sometime I can have some stock to sell and also have my ad put to work.—Dean Beeman, California.

Landlady — "I heard you singing in your room this evening."

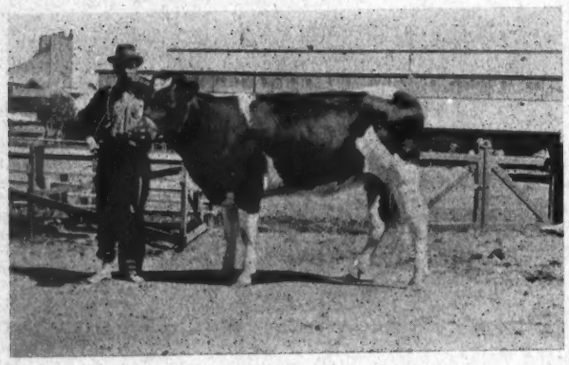
The fourth floor back—"Oh, I sing a little to kill time."

Landlady—"Permit me to say that you have an excellent weapon."—Puck.

Holsteins in Australia

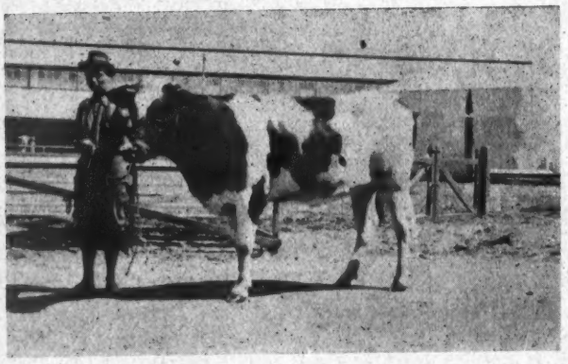
CLUNEY HENGERVELD OF LYNDHOLME

A grandson of Pietje 22d Son



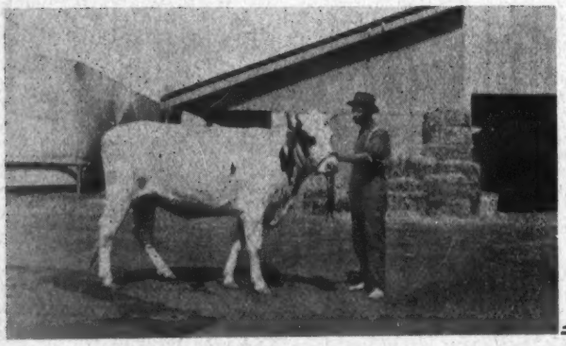
WOODCREST BROOKLANDS JOHANNA

A granddaughter of King Segis Pontiac Alcartra and Pietje 22d's Daughter



WOODCREST NETHERLAND QUEEN

First prize winner at the Sydney Royal Show. A granddaughter of King Segis Pontiac Alcartra.



WOODCREST PRINCESS PAUL

Third prize heifer at the Sydney Royal Show. Also a granddaughter of King Segis Pontiac Alcartra

The development of the Holstein breed in Australia has not assumed the proportions that are to be found in New Zealand, in which latter island there is considerable activity in making official records with a number of performances which rank with the best ever made by representatives of this breed. However, the breed is getting a foothold in Australia and that means that it will be only a question of time and education before considerable progress can be recorded in that country also." The accompanying illustrations, showing four purebred Holsteins owned by Eric George Jones of Sydney, Australia, represent animals of good type, these particular individuals being successful contenders at the Sydney Royal Show which is the largest livestock exhibition held in Australia. The three heifers were all bred in New Zealand and sired by a bull imported from America, Woodcrest Pietje Pontiac, a son of King Segis Pontiac Alcartra and Pietje 22d's Daughter, the 25-pound daughter of the foundation cow, Pietje 22d. These heifers were bred by John Donald of Westmere, New Zealand, who is one of the most successful breeders of that country. One of the heifers, Woodcrest Netherland Queen, who was a first prize winner at the Sydney Royal Show, is from a daughter of Netherland Princess 4th, the champion producer of New Zealand with a record of over 900 pounds butter in a year as a two-year-old. Woodcrest Princess Paul, the third prize heifer, is from a maternal sister to Netherland Princess 4th. The young bull, who is certainly a splendid individual youngster, bred in New Zealand, is a grandson of Pietje 22d's Son. Mr. Jones writes that herd testing in Australia is only in its infancy, although the example of New Zealand is proving an inspiration to them. In addition to his own individuals, which were successful at the Royal Show, Mr. Jones mentions a bull owned by A. C. Lamond of Brundee, Shoal Haven, New South Wales. This bull, who is called Fanny's King, was imported directly from the United States, being a son of Juliana King of Rock from Fannie Vale De Kol ,a 23.7-pound three-year-old with a year's record of over 821 pounds butter, she being a daughter of Fannie L. De Kol, the only cow of the breed having 10 A. R. O. daughters. Mr. Lamond is one of the most extensive breeders in the southern hemisphere, his herd of purebred Holsteins numbering close to 80 or 90 head. Particular attention is called to the photographs accompanying this story.

"The neighbors object to your running the lawn mower at six o'clock in the morning," said Mrs. Crosslots.

"Which neighbors?" asked her husband.

"The ones who play the phonograph till two o'clock in the morning."—Washington Star.

"Why are you so gloomy?"

"They tell me I'm too old to enlist," said Solomon Holstein. "I kind of thought I'd like to give someone else a chance to boss me around besides mother and the girls."

"Slipping" not "Saving"

"I kept slipping back two feet every time I went ahead one." That's what the small boy gave as an excuse to his teacher for being late for school one winter day.

And that's just what is happening to the cow owner who is trying to get along without a cream separator or with an inferior or half-wornout machine. Like the small boy he is "slipping." He thinks he is thrifty, but for every dollar he saves by not buying a De Laval he loses two through not having one.

It **isn't** economy to do without labor-saving and money-saving and food-saving machines. It **isn't** economy to feed 40-cent butter to the calves and hogs.

It **is** economy to buy and use only the best cream separator made—and that's the De Laval.

Viewed from every standpoint—clean skimming, ample capacity, ease of operation, freedom from repairs, durability—there is no other cream separator that can compare with the De Laval.

It's real thrift and genuine economy to buy a De Laval Separator NOW.

Why not see the nearest De Laval agent at once! See a new 1918 De Laval machine for yourself. Try it to prove every claim made for it. If you don't know a De Laval agent, write direct to one of the addresses below.

The De Laval Separator Company

165 Broadway, New York **29 E. Madison St., Chicago**

FORMER OWNER OF KING SEGIS PONTIAC KONIGEN TO SELL ENTIRE HERD

In this issue of the World will be found the announcement of the sale to take place at Alexander, N. Y., September 5th, at 12 o'clock noon, of the entire herd of Registered Holstein cattle formerly owned by Mrs. Franc A. Smith Andrews, who was at one time owner of King Segis Pontiac Konigen, and who sold this bull to Fred F. Field for the world's record price (at that time) of $35,000.

Mrs. Andrews began the breeding of Holstein cattle with the intention of establishing a herd of quality animals, and spared no expense in carrying out her plans. Scarcity of farm labor and other causes has resulted in her selling her entire herd, and every animal will be sold as above stated, and without a single reservation.

This means that every animal will be sold to the highest bidder, and it also means that a splendid opportunity is thereby offered to Holstein breeders to secure some excellent animals at their own price.

The herd sire, King Segis Pontiac Paul 97980, is a three-fourths brother to King Segis Pontiac Konigen, the $35,000 bull; to King Segis Pontiac Alcartra, known as the $50,000 bull; King Segis Pontiac Count, the highest prize winning sire for 1917 and 1918, owned by Senator Hackney, and to King Segis Pontiac Columbo, sire of Superba Palmyra, the world's champion three-year-old heifer.

Mrs. Andrews selected King Segis Pontiac Paul to take the place of King Segis Pontiac Konigen after she sold the latter named bull to Mr. Field, in September 1916.

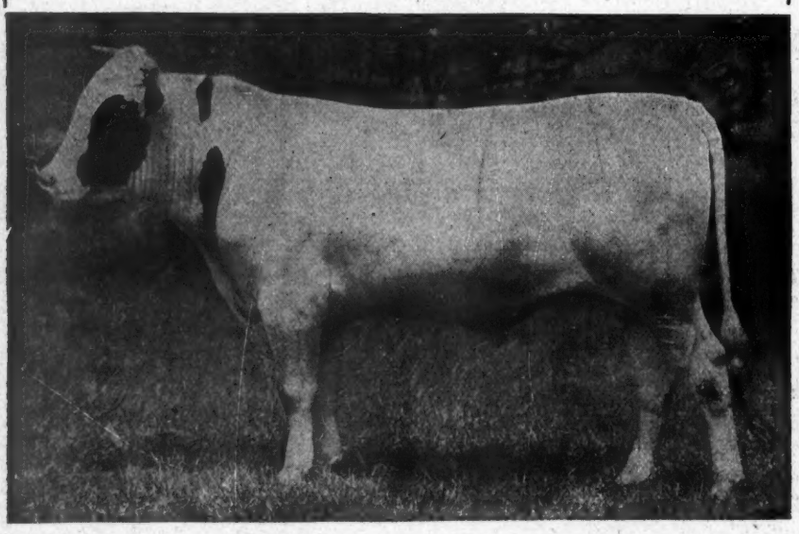
In this sale there are several daughters of King Segis Pontiac Paul, and when it is remembered that the only four daughters of his that have been tested have A. R. O. records, and that one of them made 25.12 pounds butter as a two-year-old, it will be seen that he is a sire of unusual promise. He was sired by King Segis Pontiac, and his dam is K. P. Neta, a 28-pound four-year-old daughter of King of the Pontiacs.

In the herd are granddaughters of Rag Apple Korndyke 8th, King of the Pontiacs, Pontiac Korndyke, and Hengerveld De Kol. There is also a daughter of Pietje 22d's Lad, and several daughters of Cedardale Pontiac Korndyke, proven grandson of the great Pontiac Korndyke.

It would seem that this sale offers a great opportunity to those looking for high class foundation animals, and surely in King Segis Pontiac Paul the public is offered a sire that has already proven his transmitting powers to an unusual degree. Surely his daughters ought to prove very valuable as foundation females. The sale will take place right on the farm, and will be held rain or shine. B. V. Kelley will do the selling.

Will He Make Good?

Absolutely No Question



Look at This !!!
Mollie Fayne Alcartra, 2 Years, 23.83

This is one of the very first daughters of KING PONTIAC FAYNE ALCARTRA to be officially tested. Her performance removes all doubt as to his future greatness.

He is a son of King of the Pontiacs, the only sire with three 40-lb. daughters; and his dam is Alcartra Fayne Burke, 30.87 lbs., a daughter of a 35-lb. sire, and the next dam Alcartra Polkadot Ormsby 2d, a 31-lb. daughter of old Alcartra Polkadot.

His calves are outstanding individuals and the choicest ever born at Bloomingdale.

One of his sons would do you a world of good.

BLOOMINGDALE HERD
SOMERVILLE, N. J.

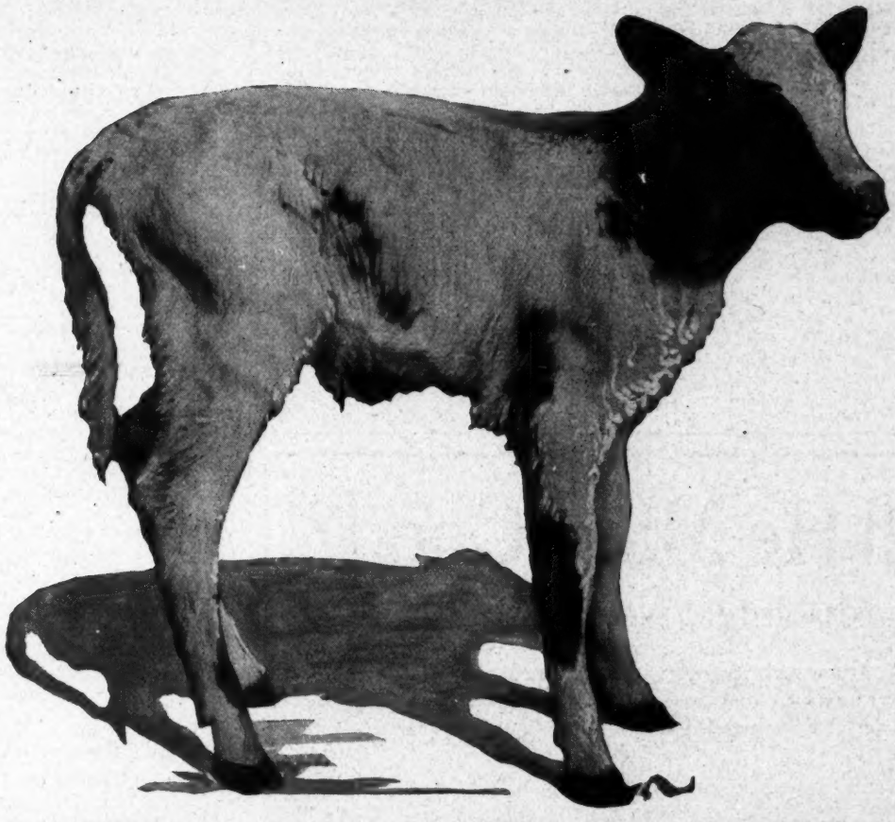
A. A. Cortelyou, Proprietor **Jacob Reger, Supt.**

FIGURES ON DAIRY PRODUCTS

The Bureau of Markets of the United States Department of Agriculture has issued a preliminary summary of production of condensed and evaporated milk for June 1917 and 1918 and similar figures for creamery butter and oleomargarine covering the same period. The figures for creamery butter from 3,201 factories reporting show 94,461,845 pounds as against 91,184,427 pounds for the month of June a year ago, an increase of 3.59 per cent. Oleomargarine from vegetable oils has increased from 808,599 pounds in June 1917 to 3,729,184 pounds in June 1918, an increase of over 361 per cent. Oleomargarine made from a combination of animal and vegetable oils has decreased from 16,646,774 to 15,198,659 or a decrease of 8.7 per cent. Production of condensed and evaporated milk have shown a marked increase due in large measure no doubt to the great quantities exported for the use of our boys in France. A grand total of 157,850,405 pounds is the very respectable showing for the month of June 1918, considering both bulk and case goods. This is an increase of 20.83 per cent over the corresponding period a year ago. Unsweetened evaporated, unskimmed milk has increased from 79,033,714 to 86,787,826 pounds or 9.81 per cent, while sweetened condensed unskimmed milk has increased from 18,965,053 to 26,785,524 or 41.24 per cent, the figure in both instances referring to case goods.

THE MOSQUITO

The skeeter is a bird of prey,
Which flies about at night.
About three-eighths of it is beak,
And five-eighths appetite,
And fifteen-eighths or so is buzz,
And nineteen-eighths is bite.
—Judge.



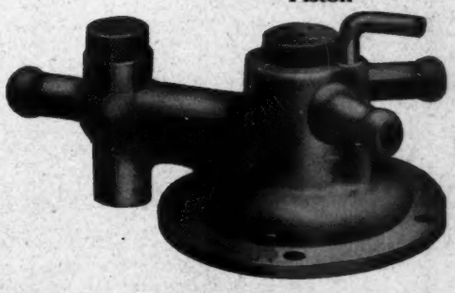
He Taught Us How

UNTIL recently most of us thought milking to be simply a matter of pull, pull, pull. Some think so yet. But it's not. If you watch a calf's tongue when he swallows you'll see the difference. He gets his mouth full of milk—then he swallows. And as he does, his tongue massages the teat backwards from tip to udder. That's Nature's provision for the prevention of congested blood in the teat as a result of the calf's sucking. Sucking draws the blood to the tip of the teat. The tongue massages it back to the udder.

EMPIRE
MILKING MACHINES

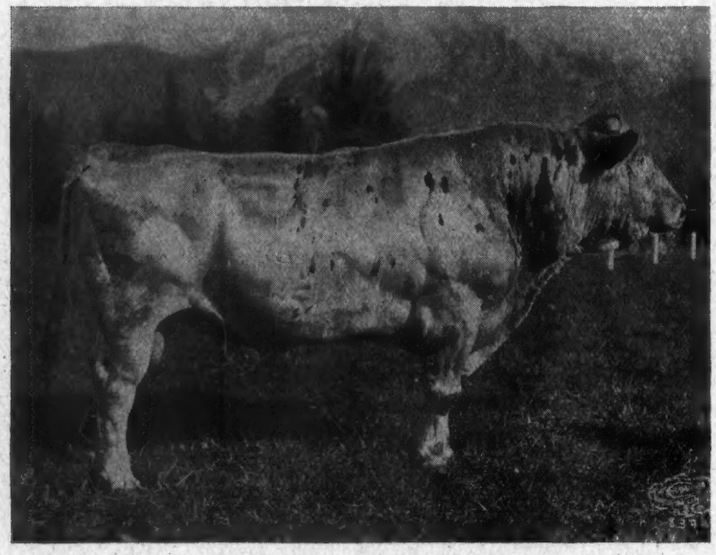
with our new Super-Simple Pistonless Pulsator accomplish the same result. Stops the sucking and lets air flow in between the rubber lining and the walls of the teat cup. This makes the rubber lining gently massage the teat *from tip to udder*, just like the calf. This action occurs regularly from 48 to 52 times a minute. With our pistonless pulsator, there are no more leaky pistons resulting in irregular, nerve racking action. The suction is always uniform and gentle. Soothes the cow and results in far greater milk flow. Our local dealer will gladly show you the "Empire" without obligation. Call on him. Write for our new 1918 catalog No. 72

The New Empire Super-Simple Pulsator
The Pulsator Without a Piston



EMPIRE CREAM SEPARATOR COMPANY
Bloomfield, New Jersey
Chicago, Ill. Denver, Colo. Montreal Toronto Winnipeg
Also Manufacturers of Empire Cream Separators, Gasoline Engines and Farm Electric Plants

The Great Holstein Sire, Inka Sylvia Beets Posch, Is Dead



INKA SYLVIA BEETS POSCH
This shows the great bull at the age of 14 years and weighing 2,500 pounds

This great sire after many years of usefulness has passed away but has left an undying record in the remarkable daughters, sons, and grandsons, which are scattered over the North American continent.

When we compare his record of production with that of other great sires it is well to remember that while the majority of the most famous bulls of recent times have made their reproduction largely in one or two herds, that Inka Sylvia Beets Posch has not had this great opportunity. This bull has had many changes of ownership and has never had the opportunity of being in a large herd for any great length of time, hence his record is all the more outstanding. He finally wound up his career at the head of the herd owned by the Dominion Experimental Farm, Agassiz, British Columbia, where he has seen two years of good service.

This bull has, during the past six years, gradually come into the limelight on the strength of the wonderful milking qualities of his daughters and granddaughters. Probably this bull is most famous as being the sire of the wonderful cow, May Echo Sylvia, the greatest milch cow in the world and considered by many of our most prominent Holstein specialists in America as the greatest cow of the breed, everything considered.

Inka Sylvia Beets Posch is both the grandsire and great-great-grandsire of the wonderful calf which recently sold for $106,000.

That the wonderful qualities of May Echo Sylvia are largely traceable to her sire is illustrated by the fact that 10 other daughters of this great bull in almost as many different herds in Canada, have easily exceeded 100 pounds of milk per day and have showed the same wonderful persistency in heavy milk production as their great half sister. Undoubtedly, this bull is the most prepotent sire that the breed has seen in Canada. He is the only bull in Canada to have a 38-pound sister and a 40-pound daughter. He has as a daughter, one of the two 40-pound cows in Canada, and he has to his credit a daughter holding all world's championships for milk production from one day to 120 days. He is the sire of nearly 50 per cent of the cows in Canada which have exceeded 100 pounds of milk per day. He has 26 tested daughters which average 440 pounds of milk and well over 20 pounds of butter in seven days; most of these records being made as heifers. He also has four proven sons, one of which is the noted bull, May Echo Champion, the only full brother to May Echo Sylvia.

In Record of Performance this bull has 10 daughters and one son. His 10 daughters average 12,750 pounds of milk and over 500 pounds of butter per year; all records excepting one, being two-year-olds, and most of these records made in different herds and none in the hands of so-called record experts.

Some of the outstanding records of his daughters, in detail, are as follows:

May Echo Sylvia—World's Champion Milk Cow

	Pounds
1 day	152.1
7 days	1,005.8
30 days	4,196.9
60 days	8,220.1
90 days	11,855.1
100 days	12,899.8
Butter:	
7 days	41.01
30 days	169.72
60 days	323.32
90 days	463.67
100 days	505.34

Lawncrest May Echo Posch

	Pounds
Milk; 7 days	701.1
Butter, 7 days	33.78
Milk, 30 days	3,034.4
Butter, 30 days	138.19
Milk in 1 day	105.8

Lawncrest May Echo

	Pounds
Milk	635.4
Butter	26.10
Milk in 1 day	105.0

Helena Sylvia Posch as Senior Four-year-old

	Pounds
Milk, 7 days	800.4
Butter, 7 days	25.49
Milk, 1 day	116.4

Second highest in Canada.

Also several other two-year-olds with records over 20 pounds.

He is the sire of a sire with two two-year-old daughters that produced in R. O. P. 16,200 and 15,400 pounds milk, averaging 3.5 per cent fat, never milked over three times per day.

Also a brother to Pet De Kol Posch, 38.54 pounds butter in 7 days, at 4 years.

That Inka Sylvia Beets Posch comes honestly by his great transmitting qualities is readily seen by a careful study of his extended pedigree. His sire, Sir Alta Posch Beets, a bull of wonderful transmitting qualities considering the limited opportunities, has 10 tested daughters and three proven sons. One of his daughters, Pet Posch De Kol, has a four-year-old seven-day record for Canada of 38.54 pounds of butter for many years. This bull sired by Sir Pietertje Posch, another famous sire with 24 tested daughters and 10 proven sons whose names appear in the pedigree of such great bulls as Prince Aaggie Mechthilde and other noted sires, was in turn out of the great heifer, Alta Posch, the former world's champion and Canadian champion for seven

(Continued on page 60)

MAY ECHO SYLVIA
The best producing daughter of Inka Sylvia Beets Posch and one of the very greatest cows of the breed. Widely known as the dam of the $106,000 bull

The Second Texas Holstein Breeders' Sale

To be held Sept. 18-18 at the Lewchester Holstein Farm, Corner 23d and Hanna St., North Fort Worth, Texas

Sale consists of 90 head of registered Holsteins.

Included in this consignment are 23 A. R. O. cows and heifers, with records of 14 to 21½ lbs. as senior yearlings and 2-year-olds, and up to 25 lbs. as 4- and 5-year-olds.

Granddaughters of Pontiac Korndyke and King Segis are a feature that cannot be overlooked.

One bull out of Colantha Maida Changeling that has just made 32.48 lbs. butter and 628 lbs. milk. This is a real show bull and sired by a son of King Korndyke Sadie Vale out of a Sir Hengerveld De Kol daughter.

Catalogs will be ready September 1st.

Apply Mrs. Juliette B. Crabb, 1700 Evans Ave. Fort Worth, Texas

At the Beginning

of our fiscal Holstein-Friesian year, you are planning for the future. Don't forget SPRING FARM KING PONTIAC 6th, "THE BULL THAT PUTS DEGREE IN PEDIGREE." Remember the work of his daughters. Twenty-pound first-calf 2-year-olds are for him THE RULE RATHER THAN THE EXCEPTION. His 2-year-olds which produce 60 pounds milk per day on an average, during their 7- and 30-day tests, are THE RULE RATHER THAN THE EXCEPTION.

Nearly all of his daughters have 30-day records, and it's THE RULE RATHER THAN THE EXCEPTION that these 30-day records are four times or more the best 7-day records.

Two of his junior 2-year-old daughters have recently completed S. O. year's records with more than 18,000 pounds milk each and an average of almost 800 pounds butter each.

Two of his 3-year-old daughters have just completed 30-day records. One of them, as a senior 3-year-old, in seven days made 611.6 pounds milk and 31.35 pounds butter; in 30 days, 2,428.4 pounds milk and 125.87 pounds butter. The other, a junior 3-year-old, made in seven days 505.6 pounds milk and 30.045 pounds butter; in 30 days, 2,473.6 pounds milk and 125.25 pounds butter.

No, they are not world's records, but the persistency with which his daughters continue to turn out decidedly large records for both milk and butter for 7 days, 30 days and a year, with seemingly little difference as to what is back of them on their dams' side, will eventually make the high class herd which is headed by a son of SPRING FARM KING PONTIAC 6th, THE RULE RATHER THAN THE EXCEPTION.

You can't afford to overlook him in your planning for the future

Est. 1876 **HENRY STEVENS & SON** 175 Head

LACONA, N. Y.

The home of Spring Farm King Pontiac 6th, the bull that puts degree in pedigree.

The Produ

Is a benefit to the breed, a source of joy, profit
world. Just study this list of re

Rag Apple Korndyke 8th

	Name	Age	Milk	Butter
1	Rag Apple Korndyke Pontiac..... (World's record)	3-9-27	665.6	42.42
2	Amy Pontiac Colrain.....	5-1-6	587.9	32.23
3	Fairview Pontiac Rag Apple.....	4-3-5	534.7	31.02
	One year	2-2-13	17,054.6	800.68
4	Fairview Korndyke Pietertje.....	2-0-22	500.1	30.18
	30 days (World's records when made).		2,064.8	117.29
5	Fairview Korndyke Hengerveld 4th.....	2-9-9	526.6	29.35
6	Fairview Hengerveld Rag Apple.....	3-11-7	432.3	27.12
7	Rag Apple Diona Queen.....	3-0-28	507.4	27.09
8	Fairview Nig De Kol Johanna 2d.....	3-1-25	454.8	25.85
9	Lucelia Rag Apple Colrain.....	3-10-4	436.4	25.13
10	Dora Rag Apple Pontiac.....	2-11-19	431.5	24.48
11	Albina Josie 2d	2-1-11	402.0	24.77
12	Lady Korndyke Rag Apple.....	4-1-3	571.3	24.09
13	Attica Lady Korndyke.....	3-6-11	424.4	23.28
14	Maple Ledge Sallie Beets 2d.....	4-1-3	413.8	22.77
15	Fineview Rag Apple May.....	2-5-22	406.9	22.55
16	Superba Pontiac Pet.....	2-1-24	366.7	22.42
17	Fairview Empress Rag Apple.....	2-0-23	406.7	22.42
18	Johanna Imperial Rag Apple.....	2-6-23	431.0	22.05
19	Superba Rag Apple Luzette.....	2-2-0	366.1	20.24
20	Rozenia Korndyke 2d.....	2-4-27	400.5	20.19
21	Amy Rag Apple Colrain.....	2-10-20	300.3	20.17
22	Fairview Belle Pietertje.....	1-11-6	424.0	20.07

Note the large and uniform production, the age of the animals at time of making these records and that only one animal in the entire list is of full age. And the only mature daughter was only just past five years old at the time of making her great 32-lb. seven-day record. Consider that in this list is the only 42-lb. senior three-year-old, the champion of her class, that the youngest 30-lb. cow in the world is a daughter of this great producing sire and that his only daughter tested for the year produced over 800 lbs. butter and more than 17,000 lbs. milk, calving as a junior two-year-old.

"The Greatest Bull in the World"

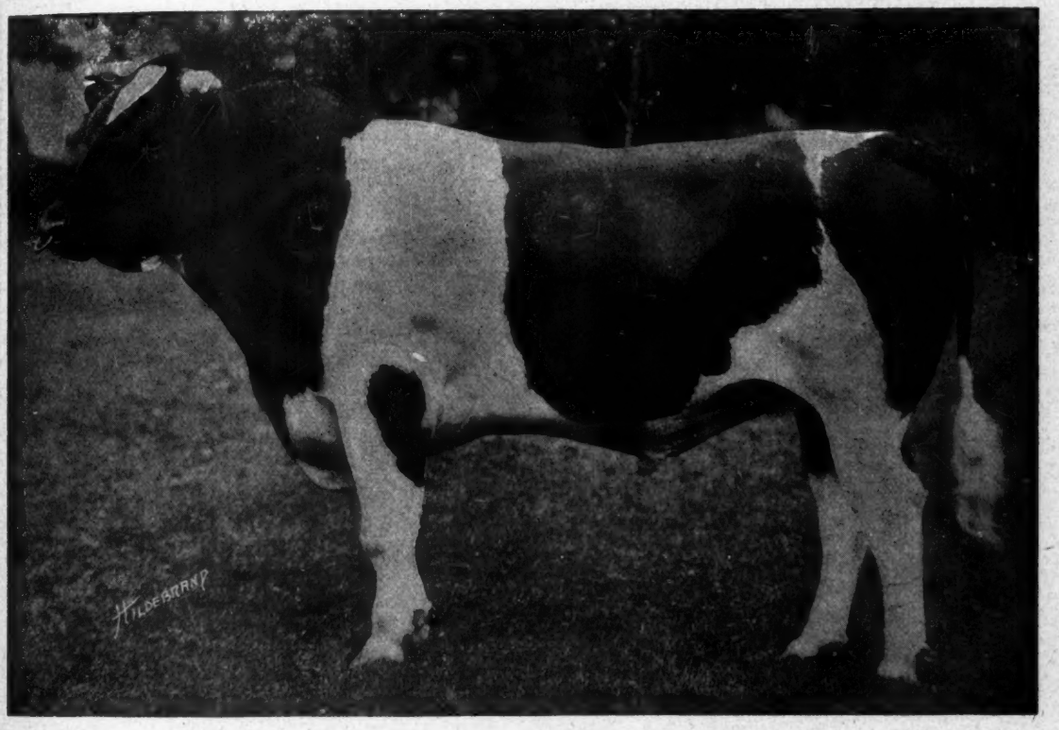
and that a son of this wonderful sire, a brother to

Oliver Cabana Jr. **PINE G**

lcing Sire !

easure to its owner and increases the wealth of the le records made by the daughters of

"The Greatest Bull in the World"



Rag Apple Korndyke 8th's entire list of daughters, 35 in all, average 20.95 lbs. butter, 420.33 lbs. milk, and, of the 35, no less than 23 were yearlings and two-year-olds.

Brother Breeder, you are now thinking about your next herd sire. If you study the records made by the daughters of the great sires, and the possibilities of the future, you will realize, without a shadow of doubt, that

Rag Apple Korndyke 8th

e great producing heifers, would make money for YOU

E FARMS **Elma, N. Y.**

Great Bargains

Don't carry all your eggs in one basket.
Don't buy a bull that gets all his greatness from the performance of one sire or dam.
Don't expect results unless you get a bull whose ancestors are ALL good performers, such as

BULL No. 1—
Dam and four nearest dams of sire average.....30.8
5 nearest dams average.....27.5
8 nearest dams average.....27.0
13 nearest dams average.....24.7
Age 3 years. Price $500.

BULL No. 3—
His five nearest dams average, butter seven days, 20.6 lbs., and three of the five average for one year, 847 lbs., with his own dam as a junior two-year-old. Perfectly marked. Born December 1917. Price $200.

BULL No. 6—
He is out of a son of Friend Hengerveld De Kol Butter Boy and a 30-lb.-1,226-lb. yearly record daughter of Pontiac Aaggie Korndyke. His dam a 17-lb. 611-lb. yearly at 2 years and dropped a calf just 30 days after completing this record. She is the only two-year-old heifer of any breed to make 600 lbs. butter in a year and carry a calf eight months of the time. Her dam is an A. R. O. daughter of No. 57318, who holds the world's 30-day record as a 17-year-old.
A guarantee of a 30-lb. seven-day and a 1,000-lb. yearly record for dam goes with this calf.
Better write for price, photo and pedigree of this one and get a real bargain.

TERMS: Delivered anywhere at above prices, 25 to 40 per cent cash, with balance without interest; 5 per cent discount for all cash.

O. I. C. Pigs for sale
Photos and pedigrees

DAVID FALCONER
SCOTTSVILLE MICH.

JUST THE BULL YOU HAVE BEEN LOOKING FOR—A show animal, two years old, kind and gentle. Handsomely marked, largely white, with strip on face.
His sire is a young bull with eight A. R. O. daughters; is out of a 37-lb. sister to Rag Apple Korndyke 8th.
Own dam a fine, square individual, with perfect udder, well placed teats, splendid veining or the nicest cow to milk you ever sat under.
We made 27 lbs. as a four-year-old on her last February and feel we can easily beat 30 next time.
If you want a sire that will get quality or type along with the best blood lines or big production, here is your chance. Price $500; guaranteed right.
ARCHIE REID JR. Janesville, Wis.

For Sale
Young Cows and Heifers

ages 2 to 6 years, bred to freshen at all seasons by a 31.86-lb. sire—carlot or less. Tuberculin tested.
Come and look them over.
S. HOLLISTER Whitehall, N. Y.

THE WHOLESTEIN FAMILY

Little Miss Muffet
Sat on a tuffet
Eating of curds and whey,
"This cottage cheese
Is food to please,"
She cried in ecstasy.

Uncle Sam would be as tickled as a dairyman with a new bull if Germany should decide to give him a genuine Peace Dove for a Christmas present this year.

. THE PUBLIC SALES .

September 4—Totten & Miller, Gustavus Center, Trumbull county, Ohio.
September 6—Watertown, N. Y., Backus Bros. Pedigree Co., Mexico, N. Y., Mgrs.
September 11—Redwood Falls, Minn., Redwood Holstein Farm Co., Inc., Dispersal.
September 11—Waterbury, Vt., G. E. Moody Sale.
September 18—Joplin, Mo., Phelps Stock Farm Sale, W. F. Phelps, Aurora, Mo.
September 18—Belleville, Kan., L. F. Cory & Son Dispersion, W. H. Mott, Herington, Kan., Mgr.
September 25-26—New Douglas, Ill., Joint Dispersal S. E. Gehring and Chas. A. Prange. Chas. A. Prange, Mgr., New Douglas, Ill.
September 27—Randolph, N. Y., Southwestern New York Breeders' Fourth Annual. Liverpool Sale & Pedigree Co., Mgrs.
October 1—Union City, Mich., Thos. Buell & Son.
October 1-2—Brattleboro, Vt., Purebred Livestock Sales Co.
October 3—Dixon, Ill., Prairiedale Farm Dispersal, Galt & Spencer, Proprietors.
October 4—Fishers, Ind., S. P. Scherer Dispersal.
October 8—Granville, N. Y., Dispersal F. W. Scott Herd, at the farm, Granville, N. Y.
October 9-10—Poughkeepsie, N. Y., J. B. Sissons Sons.
October 10—Washington, Ill., Fred E. Zimmerman Dispersal.
October 10-11—Poughkeepsie, N. Y., J. B. Sissons Sons Consignment Sale.
October 11—York, Pa., York County Breeders, W. P. Crumling, Red Lion, Pa.
October 15—Nebraska Holstein Breeders Sale, Omaha, Neb., Dwight Williams, Mgr.
October 15-16—Columbus, Ohio, The Second National Dairymen's Sale, E. M. Hastings Company, Mgrs.
October 16—Boyden, Iowa, Boyden Holstein-Friesian Breeders. R. Kamminga, Mgr.
October 16—Topeka, Kan., Holston-Pritchard Dispersal, J. H. Holston, Mgr., Topeka, Kan.
October 17—Marshfield, Wis., Central Wisconsin Breeders' Association.
October 22-23—Lake Mills, Wis., Semi-annual Consignment Sale, Lake Mills Holstein Breeders, F. H. Everson, Mgr.
October 24—Howell, Mich., Howell Sales Company of Livingston Co.
November 1—Independence, Kan., Kansas Holstein Breeders' Second Annual Sale. W. H. Mott, Herington, Kan., Mgr.
November 12-13—Waukesha, Wis., Waukesha County Holstein Breeders, W. L. Baird, Secy.
November 20-21—Liverpool, N. Y., at Liverpool Sale Pavilion. Backus Bros., Mgrs., Mexico, N. Y.
December 3—Dispersal Sale Abrogast Brothers, Union Stock Yards, Sebringville, Ont., Can.
December 10—Jefferson, Wis., Gormley Bros., Dispersion Sale.
December 11—Dunville, Ontario, Canada, Niagara Peninsula Club Sale, W. L. Houck, Stevensville, Secy.
June 5, 6, 7, 1919—Philadelphia, Pa., Moyer National Sale, H. A. Moyer, Director.

The Holstein-Friesian World will be glad to list your sales in this column without charge. Let us know when you anticipate holding a sale and we will be glad to advise the public through this department. It is a line of advertising that is followed with considerable interest by readers and we are glad to offer you our co-operation.

15
Head for Sale

Your pick of the herd. Mostly A. R. O. daughters of A. R. O. cows. Straight and right in every way, none over six years old. Am overstocked and must sell. Write your wants or, better, come and see them.

D. H. SPRINGER
Jordanville New York

WANTED—MARRIED MAN

for purebred Holstein herd who has had some experience in A. R. O. work, with son old enough to help, or who could board extra man or has extra help in family to milk. Good wages and privileges. References required.
M. L. Jones. Chester Co., Westtown, Pa.

"Waiter!" called a diner at a local club, "come here at once! Here's a hook and eye in this salad!"
"Yesseh, yesseh," said the waiter, grinning broadly. "Dat's a paht of de dressing, sah!"—Grit.

---

75 Head Purebred Holsteins

TO BE SOLD AT

Joplin, Mo., Wed., Sept. 18th

(10 o'clock, Schifferdecker Park)

NEARLY ALL ARE BRED HEIFERS OF QUALITY

This will be the best and greatest opportunity yet offered Dairymen, Farmers and Breeders of the southwest to attend an auction sale of real QUALITY Holsteins.

Nearly all these animals are from one to three years of age, those old enough bred to males of outstanding quality. The buyer gets these young beauties at just the time when he can realize quickest and profitable results. They can be had at just the time they are growing into money.

A sale of this quality ought to attract every man interested in Holsteins within a day's travel to Joplin.

An outstanding feature will be the sale of

Sir Sadie Cornucopia 18th, 187302,

born November 23, 1915, from a 30-lb. dam. His sire has 45 A. R. O. daughters, four over 31 lbs.—there is too much to say in this space in his favor—see it in the catalog.

There are many top-notch heifers in the list, too, a number of them bred to our King Segis Urma Alcartra 202255, son of the $50,000 bull. Our sire's half sister sold at Milwaukee for $13,000, another for $4,200, all denoting QUALITY.

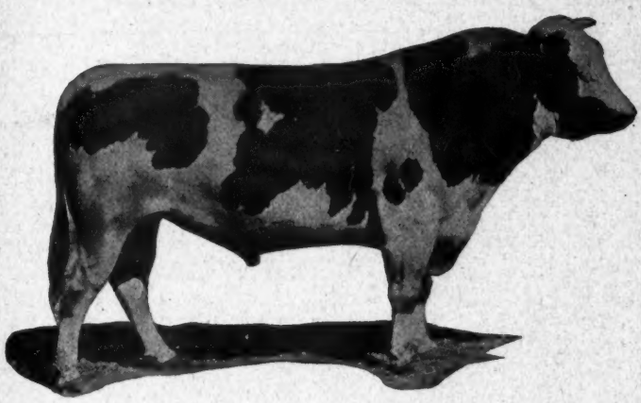
Catalogs ready September 5th. Get one and come. Address

AUCTIONEERS—Perry and Mack Wood—in the box

Phelps Stock Farm

AURORA MISSOURI

A WORLD FAMED SIRE THAT HAS MADE GOOD



His 65 A. R. O. Daughters Included

Woodcrest Pietje Pontiac, 4 years	31.66
Fairmont Queen Segis Hartog, 3 years	29.57
Butter 30 days	119.75
Butter 7 days, 31 months	21.06
Maplemont Alcartra Polkadot, 3 years	29.42
Fairmont Pauline De Kol, 3 years	27.49
Butter 7 days, 30 months	21.38
Fairmont Meta Ward, 2½ years	27.13
Woodcrest Pietje Pontiac, 32 months	25.20
Butter 30 days	102.01
Fairmont Lillie Alcartra, 2½ years	24.56
Fairmont Alcartra Belle	23.85

11 others above 20 lbs.

King Segis Pontiac Alcartra

His sons are heading many of the best herds in the country and through the work of their daughters are proving their own sire one of the best transmitting bulls of the breed.

And the individuality is in keeping with their marvelous production. Just about all one could desire.

One of his sons from one of our high record cows will do the very same thing for you

John Arfmann FAIRMONT FARM Middletown, N. Y.

A COMBINATION OF CHAMPIONS

DUCHESS SKYLARK ORMSBY

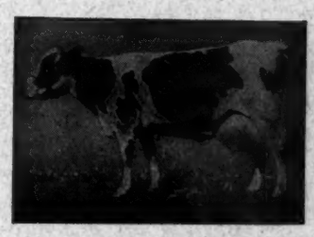
The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

COLANTHA JOHANNA CHAMPION 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby



COLANTHA 4TH'S JOHANNA

Her butter records in all classes were world's records when made. Her figures are:

	Butter, lbs.	Milk, lbs.
7 days	35.21	651.70
30 days	138.54	2,873.6
8 mos. after calving	21.6	478.6
365 days	1,257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4TH'S JOHANNA, and the present World's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

Emblagaard Dairy - Marquette, Mich.

The Western Home of the Great

Judge Segis

The Sire of no less than

29 A. R. O. Daughters

His daughters have records up to 37 pounds and one of them has three times crossed the 30-pound mark. Other of his daughters have made right around 25 pounds as two-year-olds and this despite a very limited opportunity.

Twenty-four of his daughters sold in public sale for an average of $875.

At Hollywood he will have an opportunity in keeping with his remarkable ability.

His sons are making good, too. One of them is now the sire of a 24-lb. 2-year-old daughter.

It is a son of JUDGE SEGIS you want to put TYPE—INDIVIDUALITY—PRODUCTION into your herd.

Hollywood Farm

Hollywood Wash.

BREEDERS OF PRIZE WINNERS

(Continued from last week)

Name of Breeder	Times Appearing	Butter	Milk	Total
E. J. Brosious	2	$18.25	....	$18.25
Julius Lindstedt	1	18.00	....	18.00
James S. Whitman	1	18.00	....	18.00
John T. Hunt	3	13.00	4.50	17.50
Gerret Klary	2	11.00	6.50	17.50
C. R. Plumb	3	9.50	8.00	17.50
N. W. Salmon	2	17.50	....	17.50
M. & L. Upham	2	8.50	9.00	17.50
F. J. Steidl	2	17.25	....	17.25
A. Greene	2	11.00	6.00	17.00
William E. Chester	1	17.00	....	17.00
Allamuchy Farms	2	11.00	5.50	15.50
John M. Dennis	3	12.50	4.00	16.50
Darwin Wilkinson	3	11.75	4.50	16.25
W. A. Waite & Son	1	16.25	....	16.25
N. Charles Kent	2	16.00	....	16.00
Gardner Hall Jr. & Co	1	16.00	....	16.00
J. E. Gormley	2	16.00	....	16.00
W. W. Niece	2	8.50	7.00	15.50
E. W. McNitt	2	7.00	8.50	15.50
J. J. Reid	2	4.25	11.00	15.25
Peter Pohl	2	6.50	8.50	15.00
H. R. Decker	2	8.00	7.00	15.00
Oscar Zehring	2	5.00	10.00	15.00
W. A. Carr	3	8.25	6.50	14.75
May C. & C. F. Beach	2	10.00	4.50	14.50
H. M. Dunham	3	7.00	7.50	14.50
H. W. Hartshorn	2	9.50	5.00	14.50
A. E. Hulet	4	.....	14.50	14.50
Lamb & Langworthy	3	14.50	....	14.50
E. A. Powell	2	14.50	....	14.50
J. A. Stanton	3	9.50	5.00	14.50
C. A. Stark	2	7.00	7.00	14.00
B. B. Davis	1	14.00	....	14.00
V. S. Culver	3	14.00	....	14.00
H. Bernard	1	13.75	....	13.75
W. D. Clark & Son	2	9.00	4.50	13.50
A. L. Lundy	3	9.50	4.00	13.50
Charles Stowe	1	13.50	....	13.50
J. V. Shugart	2	.....	13.50	13.50
George E. Stevenson	2	13.25	....	13.25
W. H. Brezee	1	13.25	....	13.25
Albert Benicke	3	13.00	....	13.00
David Munroe	3	13.00	....	13.00
Strickland Brothers	3	9.00	4.00	13.00
G. D. Tinsman	2	13.00	....	13.00
Roe & Bale	2	13.00	....	13.00
R. Wallace & Sons Mfg. Co	1	13.00	....	13.00
Henry B. Favill	1	12.50	....	12.50
Hargrove & Arnold	3	6.50	6.00	12.50
Edward C. Nitschke	1	12.25	....	12.25
Mrs. H. D. Weller & Son	2	5.00	7.00	12.00
Albery May	1	12.00	....	12.00
George Lawrence	2	12.00	....	12.00
D. L. Langworthy	1	12.00	....	12.00
H. N. Munsell	2	8.00	4.00	12.00
G. J. Diehl	2	6.00	6.00	12.00
Frank R. Lillie	2	5.00	6.75	11.75
James & Wm. Purcell	1	11.75	....	11.75
Richard G. Waterous	2	11.75	....	11.75
A. N. Young	2	5.25	6.50	11.75
C. H. Chase	1	11.50	....	11.50
M. T. Haselen	2	4.50	7.00	11.50
C. F. Aaron	2	5.75	5.50	11.25
J. C. Morris	1	11.25	....	11.25
John H. Phelps	2	11.00	....	11.00
Oliver Cabana Jr.	10	11.80	....	11.80
C. A. Nelson	1	10.75	....	10.75
John E. Potter	2	10.75	....	10.75
J. C. Weeks	1	10.75	....	10.75
Fred J. Per Lee	2	5.75	5.00	10.75
Louis M. Williams	1	10.75	....	10.75
George Lenhert	3	4.75	5.75	10.50
August Knospe	2	10.50	....	10.50
F. L. Freeborn	2	5.75	4.50	10.25
W. H. Dennis	1	10.25	....	10.25
George C. Copestake	2	6.25	4.00	10.25
H. A. Smucker	1	10.00	....	10.00
N. P. Hanson	1	10.00	....	10.00
W. S. Moscrip	1	10.00	....	10.00
J. D. Larkin	1	10.00	....	10.00
M. A. Maclean	2	10.00	....	10.00

(Continued on page 38)

Grandly Bred Sons of this Sire

King Segis Korndyke Champion

(Whose Two Nearest Dams Average Better than 33.50 lbs.)

King Segis Korndyke Champion is sired by a son of Aaggie Pauline Sarcastic, a 36-lb. cow, and his dam is Vinette De Kol, a 31.22-lb. cow, and the best record daughter of Lord Netherland De Kol. Just at present we are in a position to offer some very attractively bred young bulls sired by him and from dams that are good producers and in line for future development.

MEADOWVIEW FARMS

W. S. WOODCOCK, Prop. Edwards, N. Y.

Dispersal Sale Extraordinary!

40 Choice

Representing the ENTIRE herd of Registered Holstein Cattle, formerly owned by Mrs. Franc A. Smith Andrews, former owner of

King Segis Pontiac Konigen

The bull sold to Mr. Fred F. Field for $35,000 at that time the highest price ever paid for a dairy animal, and including his three-fourths brother

King Segis Pontiac Paul 97980

Animals **40**

Just Think!

A Granddaughter of Rag Apple Korndyke 8th, bred to King Pontiac Fayne Butter Boy A 42-lb. Bull

All Good Ones

REMEMBER!

When Mrs. Andrews began breeding Holstein cattle she selected HIGH CLASS FOUNDATION animals. She has used sires of national repute. She has spared no pains to breed the best. Hence this sale affords a GREAT OPPORTUNITY to secure foundation animals of UNUSUAL EXCELLENCE, and REMEMBER again, YOU SET the price. To the man who wishes to start a herd of Registered Holsteins, we say, DON'T MISS IT.

Don't Miss It!

King Segis Pontiac Paul is a magnificent individual, weighing over a ton. He has but THREE tested daughters, and one of them made a record of 25.12 lbs. of butter in seven days as a two-year-old. In this sale is included every daughter of this great sire formerly owned by Mrs. Andrews, and some of the best prospects ever offered at public sale. The average age of the entire herd is about four years. EVERY ANIMAL WILL BE SOLD TO THE HIGHEST BIDDER. There is NOT A SINGLE RESERVATION. These animals will be sold at public auction, at Highland Hall, Mrs. Andrews' Farm.

Thursday, September 5, 1918

Sale Starts 12 O'clock Noon Sharp
Right on the Farm

Alexander, N. Y.

3 Miles from Attica on the Erie Ry.
8 Miles from Batavia on the N. Y. C. Ry.
35 Miles from Buffalo.

And the farm is one-half mile from Alexander Station on both branches of the Erie and N. Y. C., running from Attica and Batavia.

There are granddaughters of Pontiac Korndyke, Hengerveld De Kol, King of the Pontiacs and Rag Apple Korndyke 8th. Remember that the sire of King Segis Pontiac Paul is King Segis Pontiac, sire of the $35,000 bull, the $50,000 bull, and King Segis Pontiac Count, leading prize money sire for 1917 and 1918. There are cows in calf to him, and daughters sired by him.

B. V. KELLEY, Auctioneer EUGENE W. HARRINGTON, Sales Mgr.

Spring Farm Pontiac Cornucopia

"The only bull with a 44-lb. dam and a 30-lb. 2-year-old daughter" has been purchased to head

Wellsland Stock Farm Herd

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.

N. W. SALMON

Glenfield New York

BREEDERS OF PRIZE WINNERS

(Continued from page 36)

Harry Yates	2	10.00	....	10.00
Owen D. Minges	1	9.75	....	9.75
Alfred McMartin	2	4.25	5.50	9.75
John Puls	1	9.75	....	9.75
O. E. Sette	1	9.50	....	9.50
H. G. Lake	2	9.50	....	9.50
Markham & Puffer	1	9.50	....	9.50
Mira Baldwin Pickard	2	9.25	....	9.25
F. J. Bristol & Sons Co	1	9.25	....	9.25
L. C. Morse	1	9.25	....	9.25
Julius Schmid	2	9.25	....	9.25
Robert Coveney	1	9.00	....	9.00
Bernhard Meyer	1	9.00	....	9.00
W. A. Hirst	2	9.00	....	9.00
Gilbert Thatcher	8	.....	9.00	9.00
Fred N. Turner	2	5.00	4.00	9.00
D. H. Hoover	1	8.75	....	8.75
W. H. Jones	2	8.75	....	8.75
Fred Peterson	1	8.75	....	8.75
W. J. Lembke	1	8.75	....	8.75
W. H. S. Rhoda	1	8.50	....	8.50
G. W. Witter	1	8.50	....	8.50
L. C. Gerow	1	8.50	....	8.50
University of Illinois	3	8.50	....	8.50
S. K. Warner	1	8.25	....	8.25
George S. Hewitt	1	8.25	....	8.25
Jacob S. Brill	1	8.00	....	8.00
Peter Hammer	1	8.00	....	8.00
Ray W. Kittle	1	8.00	....	8.00
Ernst Kruger	2	8.00	....	8.00
Charles E. Scheuber	1	8.00	....	8.00
State School and Home for Feeble-minded	2	4.00	4.00	8.00
H. E. Rising	1	4.00	4.00	8.00
C. A. Fiske	1	7.75	....	7.75
O. J. Duncan	1	7.50	....	7.50
R. E. Chapin	2	7.50	....	7.50
T. B. Gilkes	1	7.50	....	7.50
H. T. Fuller	4	.....	7.00	7.00
H. P. Giddings	1	7.00	....	7.00
H. E. Machold	1	7.00	....	7.00
J. E. Burroughs	1	6.75	....	6.75
W. E. Seavey	1	6.75	....	6.75
Arthur S. Kendall	1	6.75	....	6.75
Estate of Jos. Haviland	1	6.50	....	6.50
F. R. Hazard	1	6.50	....	6.50
Henry McCall	1	6.50	....	6.50
Charles D. Pierce	1	6.50	....	6.50
City of Cleveland	2	6.25	....	6.25
Dr. M. W. Downing	1	6.25	....	6.25
Thomas Darcy	2	6.25	....	6.25
Madison Anderson	1	6.25	....	6.25
C. A. Pratt	1	6.25	....	6.25
C. A. Schroeder	1	6.25	....	6.25
Dan W. Wright	1	6.25	....	6.25
Fred Dixon	2	6.00	....	6.00
Board of Trustees, Leland Stamford Jr. University	5	6.00	....	6.00
William Everson	1	6.00	....	6.00
Edward J. Kraai	1	6.00	....	6.00
R. W. Thompson & Sons	1	6.00	....	6.00
E. S. Robinson	1	6.00	....	6.00
Albert Roy Jr.	1	6.00	....	6.00
Harry D. Wheeler	1	6.00	....	6.00
R. B. Melvin	1	5.75	....	5.75
Ed. M. Schultz	1	5.75	....	5.75
Ben. F. Berg	1	5.50	....	5.50
Mrs. H. E. Gamble	2	5.50	....	5.50
G. W. Hake	1	5.50	....	5.50
Edward W. Pope	1	5.50	....	5.50
George J. Schuster	1	5.50	....	5.50
Alvis Fuchs	2	5.25	....	5.25
Melvin & Godfrey	1	5.25	....	5.25
Clark W. Hurd	1	5.25	....	5.25
John Klinect	1	5.25	....	5.25
J. C. Sutherland	1	5.25	....	5.25
Irving N. Roe	1	5.25	....	5.25
Voss & Turner	1	5.25	....	5.25
Walter T. Gatton	1	5.00	....	5.00
Harry B. Davis	1	5.00	....	5.00
R. F. Guerin	1	5.00	....	5.00
William H. Hale	1	5.00	....	5.00
W. E. Leonard	2	.....	5.00	5.00
Mrs. Alberta G. Mansfield	2	5.00	....	5.00
A. R. Scott	1	5.00	....	5.00
S. M. Shoemaker	2	5.00	....	5.00
D. N. Brown	1	4.75	....	4.75

(Continued on page 56)

THE SIRE'S DAM

Spring Brook Bess Burke 2d

38.22 lbs. butter, 792.3 lbs. milk in 7 days.

Two year records above 1,000 lbs. and is now making her third.

Three seven-day records above 35 lbs.

The largest dairy cow in the world, 2,225 lbs.

Here's Quality

A Bull Calf born Dec. 23, 1917

One of the best individuals I have ever bred—more black than white. Sire, Sir Pietertje Ormsby Mercedes 37th, famous son of Sir P. O. M. and Spring Brook Bess Burke 2d.

Dam, Princess Colantha Jewel 2d (see her photo and records at the right).

His four nearest dams average 947.72 lbs. butter, 20,792.4 lbs. milk.

DOES THIS APPEAL TO YOU?

Don't wait too long.

John Erickson

Lone Pine Stock Farm Waupaca, Wis.

THE DAM

Princess Colantha Jewel 2d

At 4 years, 25.12 lbs. in 7 days; 786.15 lbs. butter, 17,123.4 lbs. milk in a year. (Third place 1910-11.)

Dam of 4 good A. R. O. daughters, 2 above 30 lbs.

Her dam has records of 25.04 lbs. in 7 days, 865.67 lbs. in a year.

The Helpful Booklets and Printed Matter Issued By This Association Are The Mental Tools of Successful Holstein Breeders

In the promotional work of the Holstein-Friesian Association of America, one of the most important features is the preparation, printing and distribution of booklets and pamphlets covering many subjects of interest and importance to the Holstein owner and breeder.

The information contained in each of these booklets is compiled from reliable sources, and a copy of every piece of printed matter issued by this association should be in the library or home of every Holsteiner.

It is exactly the information you should know, to become a better informed, more successful breeder —as important to you as are good tools to the mechanic—as necessary to your success as good grazing land and well filled silos.

No Charge Is Made For Any Of These Booklets They Are As Free As The Air You Breathe

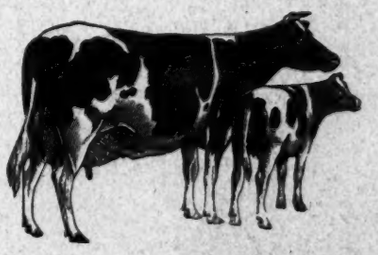
A Partial List of Printed Matter Issued By Literary Bureau of the Holstein - Friesian Association of America

Check Here	Description
	The Story of Holstein Milk.
	Grade Holsteins—What They Earn.
	Vitality in Milk.
	The Fecundity of Dairy Cattle.
	The Holstein-Friesian Cow.
	A Good Word for Skim-milk.
	Value of a Purebred Sire.
	Specialists' Evidence in Favor of Holstein Milk.
	The Use of Fat-free Milk in Infant Feeding.
	Real Reasons Why Purebred Holstein-Friesian Cattle Are the Most Profitable.
	Some Reasons for Preferring Milk of Holstein Cows.
	List of Herd Books and Advanced Register.
	Hints to Holstein Men for Building Up a Retail Milk Business.
	Advertising Suggestions for Retail Milk Dealers.

—a single copy for yourself—or as many as you want for friends and acquaintances who are interested in Holstein cattle and their profit-earning possibilities.

Look over this partial list now—see if there are any you have failed to read. If so, check the ones you want, write name and address on margin of this page and tear out and mail to this association.

The benefits, direct and indirect, that are shared co-operatively by the members of The Holstein-Friesian Association of America, should appeal to every owner or breeder of Holstein cattle. If you are not already a member—write for Application Blank and particulars.



The Holstein-Friesian Association of America Box 182 Brattleboro, Vt.

KING of the SADIE VALE

Are being bred to each other's daughters because of the outstanding transmitting qualities
size of these cows and consider what a uniform lot of dams will be back of the offspring of

King of the Sadie Vales

DAM

Butter	38.42
Milk	729.50
Butter	152.31
Milk	2,692.90
Best day's milk	112.00

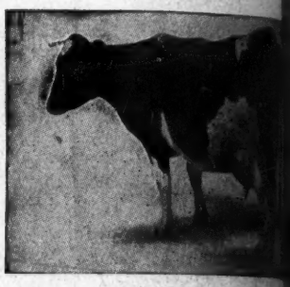
Best day's milk 112.0

DOUBLE GRANDDAM

Butter	41.06
Milk	691.40
Butter	163.11
Milk	2,589.50
Best day's milk	104.2

Best day's milk 104.2

GREAT GRANDDAM



Butter	
Milk	
Butter	
Milk	
Best day's milk	

Best day's milk 100.0

KING OF THE SADIE VALES' dam, granddam and great granddam exceed by 17.80 l
KING OF THE ORMSBYS' dam, granddam and two three-fourths sisters hold all world

King of the Sadie Vales

His sire, King K
dyke Sadie Vale,
these high re
daughters:

1 at 3y
5 from 30. to
1 at 2y

Winterthur Farms, Winterthur, Del., and Al

and KING of the ORMSBYS

their respective families have in common. Study the top lines, udder development and great
f the Sadie Vales X King of the Ormsbys.

King of the Ormsbys

DAM

Butter	38.23
Milk	792.30
Butter	154.78
Milk	3,267.70
Best day's milk	123.00
Butter 1 year	1,044.91

Best day's milk 123.0

GRANDDAM

Butter	34.81
Milk	630.80
Butter	118.96
Milk	2,732.10
Best day's milk	101.00
Butter 1 year	1,094.16

Best day's milk 101.0

GREAT GRANDDAM

Butter	22.71
Milk	657.80

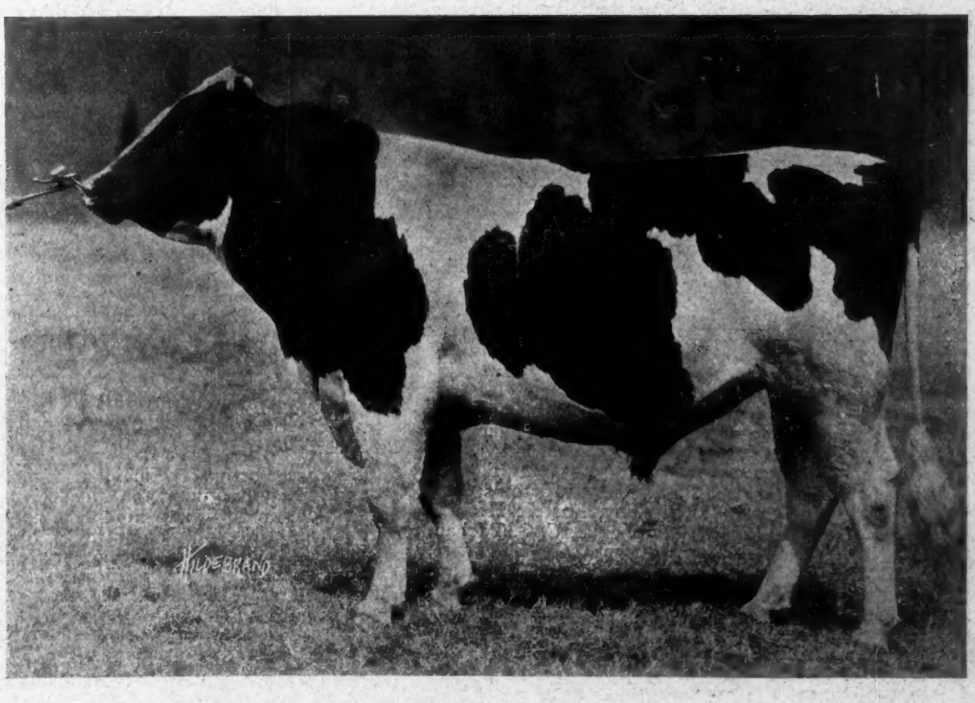
Four A. R. O. daughters.
Granddam of three 33-lb. cows.

average production of any other three generations of cows—they average 146.36 lbs. (30 days).
ds for both butter and milk for a year.

King of the Ormsbys

His sire, Sir Pietertje Ormsby Mercedes, has these high record daughters:

1 at 5y	42.31
7 from 30. to	35.00
1 at 2y	29.83



uchy and Tranquillity Farms, Allamuchy, N. J.

- CLUB NOTES -

FOX RIVER VALLEY BREEDERS TO HOLD PICNIC

The Fox River Valley Holstein Breeders' Association is to hold a large picnic at Winniconne, Wis., September 5th. This is to be an old fashonied basket picnic and the Fox River Valley Holstein Breeders' Association cordially extends an invitation to the people of the city to be their guests at the picnic. An interesting program is being arranged. Refresnments will be served and everyone will be shown a good time. Edward O. Mueller of Appleton, Wis., is secretary of this live organization and Edward G. Race of Omro is president.

RICHLAND COUNTY BREEDERS' PICNIC

The Richland County Holstein Breeders held their annual summer meeting and picnic August 8th at Eagle, Wis. Details of the day's activities are not available as these lines are written, but careful plans had been made by the Board of Directors for a general good time.

BREEDERS TO ORGANIZE IN ASHTABULA COUNTY, OHIO

On August 2d the dairymen of Ashtabula county. Ohio, met at Jefferson for a discussion of the question of the advisability of establishing a County Holstein-Friesian Association. The meeting was unanimous in its approval of the idea and steps are being taken toward the perfecting of a strong organization. The meeting was addressed by Mr. Bartholomew of Troy, Ohio, president of the Geauga County Association and Mr. McNish, a pioneer breeder and one of the leading Holstein organizers in the Western Reserve.

LEWIS COUNTY BREEDERS' PICNIC

A news dispatch from Chehalis, Wash., tells of a joint picnic held July 27th by the Lewis County Purebred Breeders' Association. William Bishop, a director of the Holstein-Friesian Association of America and one of the leading breeders of the country, was the principal speaker.

ST. PAUL MILK PRODUCERS' PICNIC

The St. Paul Milk Producers' Association held a picnic August 11th at Sauer's Park near North St. Paul. The program included addresses by A. D. Wilson, state food director, W. F. Schilling of Northfield, Minn., one of the leading Holstein breeders of the state, Prof. R. M. Washburn of the State Agricultural Farm and James Sorenson of the State Dairy and Food Department. Among the other features of the program were races and games for the children with a rooster-catching contest for the boys.

KENTUCKY BREEDERS ELECT OFFICERS

At the semi-annual meeting of the Kentucky Holstein-Friesian Club held at Experiment Station Farm, Lexington, August 2d, James H. Reed of Fayette, Ky., was elected president, J. W. Neuma of Versailles, vice-president; A. H. Washick of Franklin, second vice-president; and Joe S. Lindsay of Winchester, secretary and treasurer. The directors of the organization are P. L. Shaw, Morton's Gap; C. B. Smith, Shelbyville; H. M. Markley, Foster; Herbert Conner, Burlington; Carl Giltner, Eminence; C. G. Tachau, La Grange; J. E. Newman, Bardstown; C. S. Loge, Crestwood; Neel Roach, Shelbyville; F. B. Jenkins, Henderson; C. C. Wyatt, Mayfield; G. M. Weaver, California; A. J. Steele, Stanley; Merril Kurtz, Cox's Creek; Len Henderson, Shelbyville; J. M. Sloss, Franklin; Hart Caldwell, Butler; Alfred Eisen, California, and J. J. Hooper, Lexington. Prof. J. J. Hooper was appointed on a resolution committee to express the sympathy of the organization and regret for the death of the former president, J. B. Bowles, who was killed in a wreck. Secretary Lindsay was instructed to invite P. M. Sharples to exhibit his four Red Cross dairy cows at the Kentucky State Fair. In the future the organization will meet semi-annually holding a winter session during Farmers' Week and a summer meeting probably in Louisville the last Thursday of July. Special attention will be given to the arranging of interesting programs at both meetings.

BURNETT COUNTY ASSOCIATION PICNIC

Burnett County (Wis.) No. 1 Cow Testing Association held a picnic the last Saturday in July with a large crowd in attendance. Professor Washburn of the State Farm at St. Paul, Minn., was the principal speaker, emphasizing the the food value of milk and other dairy products. One of the most interesting features of the program was the judging contest, the winner in the Holstein class being Clarence Hanson.

SUSQUEHANNA COUNTY BREEDERS TO HAVE A BOOTH

W. Hugh Jones, secretary of the Susquehanna County Holstein-Friesian Association writes that they are going to have a booth at the Susquehanna County Fair to be held in Montrose, Pa., September 10th to 12th. Among other novel features in connection with this will be a stand for the sale of iced Holstein milk from cows that have successfully passed the first test under the accredited herd system.

CENTRAL MICHIGAN HOLSTEIN BREEDERS HOLD BI-ANNUAL PICNIC

The Central Michigan Breeders held their second Bi-Annual Picnic of the season at the farm home of A. R. Black and Sons, Tuesday, August 13th. The day was ideal and the fine grove in the front yard made an excellent place for the gathering.

There were about 250 farmers and their families present, representing the breeders within a radius of 50 miles. At noon everyone enjoyed an old-fashioned basket picnic dinner, with all the ice cream that they could eat. Following the dinner Prof. A. C. Anderson of Michigan Agricultural College gave a judging demonstration using a prize bull calf from Mr. Black's herd.

The president of the association, J. B. Strange called the meeting to order and introduced the Michigan Agricultural College Training Detachment Quartet, which was very well received, as were several readings by Miss Van Sickle. The speaker of the afternoon was Myles F. Gray who gave a splendid patriotic talk. He immediately made a hit with the Holstein breeders, when he said, "This is a time of thoroughbreds, thoroughbred Americans, and this is what you stand for in cattle as well as people." Mr. Gray very emphatically told the people what they must expect in the next months, and that they must not be too optimistic about the present success, for we will surely have some severe reverses before this war is won. He made a great appeal for everyone to get into the game and give his support, both morally and financially, as it is only with this support that this war can be won and won right.

Horace Norton of Michigan Agricultural College then gave a brief talk, giving the breeders present some timely suggestions in regard to holding a consignment sale next winter. Mr. Norton's one strong point was that to have a successful sale, only the best type of individual must be consigned, and more emphasis must be put on the individual than on the individual's records.

Albert Jenkins, chairman of the sales association, gave a report of last year's sale which was very pleasing, considering it was only the breeder's first attempt.

After a brief discussion the breeders voted to hold another sale this coming winter, at the time of the breeder's meetings, and gave the president power to appoint a sales committee.

One of the pleasantest features of the entire program was the singing of Mark Cuttler of South Riley, who rivaled Harry Lauder. This singing in connection with dancing by Miss Nancy Black made a decided hit with everyone present. Altogether it was a day long to be remembered.

COMPLETE DISPERSAL

HOOSIER HERD

OWNED BY DR. S. P. SCHERER & SONS

AT

Fishers, Indiana

Sept. 11, 1918

75 HEAD

Consisting of Cows, Heifers and Bulls

At the head of this herd for the past six years has been one of the good sons of Pontiac Korndyke, and this sire with 20 of his offspring will be sold in this sale.

We also have ten granddaughters of King of the Black and Whites and Belle Segis, a 31-lb. daughter of the great King Segis.

There are also some granddaughters of Pontiac Apollo, Friend Hengerveld De Kol Butter Boy and other famous sires.

This is your opportunity to secure foundation stock, the result of fifteen years of careful breeding.

Come to Indiana where you always get the bargains

Fishers, Ind., is fifteen miles northeast of Indianapolis, on Lake Erie and Western R. R.; six miles south of Noblesville. Catalog ready September 3d.

DR. S. P. SCHERER & SONS **Fishers, Ind.**

NEWS OF THE SHOW RING

STATE FAIRS AND EXPOSITIONS 1918

Aug. 21-30—Iowa State Fair, Des Moines.
Aug. 26-Sept. 7—Canadian National Exhibition, Toronto.
Aug. 26-30—Ohio State Fair, Columbus.
Aug. 31-Sept. 8—California State Fair, Sacramento.
Aug. 30-Sept. 8—Michigan State Fair, Detroit.
Sept. 1-6—Nebraska State Fair, Lincoln.
Sept. 2-5—New England Fair, Worcester, Mass.
Sept. 2-6—Connecticut State Fair, Hartford.
Sept. 2-6—West Virginia State Fair, Wheeling.
Sept. 2-7—Indiana State Fair, Indianapolis.
Sept. 2-7—Minnesota State Fair, St. Paul.
Sept. 6-14—The Western Fair, London, Canada.
Sept. 7-16—Central Canada Exhibition, Ottawa.
Sept. 9-14—Montana State Fair, Helena.
Sept. 9-14—South Dakota State Fair, Huron.
Sept. 9-14—Kentucky State Fair, Louisville.
Sept. 9-14—New York State Fair, Syracuse.
Sept. 9-14—Wisconsin State Fair, Milwaukee.
Sept. 9-14—Kansas State Fair, Hutchinson.
Sept. 16-20—West Michigan State Fair, Grand Rapids.
Sept. 16-21—Tennessee State Fair, Nashville.
Sept. 21-28—Memphis Tri-State Fair, Memphis, Tenn.
Sept. 21-28—Oklahoma State Fair, Oklahoma City.
Sept. 30-Oct. 4.—Trenton Inter-State Fair, Trenton, N. J.
Sept. 30-Oct. 5—Mississippi-Alabama Fair, Meriden, Miss.
Sept. 30-Oct. 6—Dairy Cattle Congress, Waterloo, Iowa.
Oct. 7-12—Alabama State Fair, Birmingham.
Oct. 7-12—Virginia State Fair, Richmond.
Oct. 10-19—National Dairy Show, Columbus, Ohio.
Oct. 15-27—Texas State Fair, Dallas.
Oct. 21-26—Mississippi State Fair, Jackson.
Oct. 30-Nov. 4—Louisiana State Fair, Shreveport.

OHIO HAS BIG ENTRY OF HOLSTEINS

The management of Ohio State Fair which is to be held August 26th-30th at Columbus, writes that they are expecting the Holstein show this year to be the strongest feature of their livestock exhibit. For several years past the Holstein exhibit at this fair has been rather light, but this year through the untiring efforts of the member in charge, G. B. Warner of Wellington, Ohio, a big entry list has been received. Mr. Warner is a Holstein breeder of long standing. Holsteins will be judged on Wednesday, August 28th, by W. H. Standish one of the best known Holstein judges and a pioneer breeder.

PROSPECTS FINE AT INDIANA

Chas. F. Kennedy, secretary of the Indiana State Fair, writes that the prospects for their 1918 exhibition are very favorable and they are planning on the biggest fair in the history of that institution. The judging will commence September 2d and continue until September 6th.

MR. POWELL UNCERTAIN ABOUT SHOWING

One of the main attractions of the Holstein show at the New York State Fair for many years has been the large exhibits from the herd of E. A. Powell which makes its home just outside the fairgrounds. This exhibit of 50 to 65 head has been the winner of the grand sweepstakes prize for the largest and best exhibit at the New York State Fair since that prize has been offered. This year, owing to the difficulty of getting suitable help, Mr. Powell writes us under date of August 10th that he is undecided regarding his plans for the show. Our prediction is, however, that the delegation from Lakeside Stock Farm will be among those present when the Black and Whites are led out to face the judge.

A FINE OUTLOOK IN SOUTH DAKOTA

C. N. McIlvaine, secretary of the South Dakota State Fair, writes: "Never before in our history have we had requests from livestock breeders for premium lists like we have had to date and we anticipate a splendid showing, although the scarcity of help may cause a decrease in the exhibits in the livestock department. In all other departments we are sure of a 50 per cent increase in all kinds of exhibits. The crop conditions in this state are the best it has ever had and South Dakota will harvest the largest and best crops in its history; beyond any question of doubt the largest combined crop of any state in the west. Our corn crop is from two to three weeks ahead of any previous year, a most splendid and practically assured crop at this time. A special attraction to our fair is a mammoth government exhibit from Washington, D. C., representing the Agricultural, Interior, Army, Navy, Commerce, Food Administration, Committee on Public Information and National Council of Defense. The great institutions of our state are all exhibiting as well as all state war activities and our effort is to aid in every way we can to win the war, to produce and save more and we are sure that our people are thoroughly in interest in patriotism and aiding in every way they possibly can. Holsteins will be judged either September 10th or September 11th, depending upon the progress in other classes preceding them in the judging."

MISFORTUNE FOR ZEHRING

Oscar O. Zehring of Germantown, Ohio, whose Holsteins made such a splendid showing at the National Dairy Show last year, writes that he will probably be unable to do any showing this year as he had the misfortune to lose his residence by fire late in July, and in consequence his plans are considerably disorganized. He had been making plans to take out a string to the Ohio and Indiana State Fairs as well as the National Dairy Show and had them in splendid condition. Mr. Zehring writes: "If things develop more satisfactorily and I can get a place to live it might be that I will exhibit at the National Dairy Show. I think it is the best place to take the conceit out of a person and set him right in his work."

TEXAS STATE FAIR ABANDONED

The management of the State Fair of Texas writes that although the prospects for their fair this year were exceedingly bright with indications of the best Holstein exhibit in the history of the fair, they have been compelled to abandon their 1918 show as the government has taken over the state fair grounds for military purposes.

CARNATION NOT GOING OUT THIS YEAR

Carnation Stock Farms which had such a successful show herd all around the circuit last year, including the National Dairy Show at Columbus, advises that on account of the abnormal conditions existing at the present time, their inability to secure sufficient competent help, they have been compelled to give up their plans for showing this year and will not exhibit any of their animals at any fair. This announcement will be a disappointment to many fair patrons who had been counting on seeing the splendid string representing Carnation Stock Farms and, in particular, the $106,000 bull calf.

GREATER INTEREST IN SPOKANE INTER-STATE FAIR

The management of Spokane Inter-State Fair and Livestock Show writes that in spite of war conditions, there seems to be among all people of the Inland Empire more of an interest in the coming fair for this year than has been shown for many years. Concession and exhibition space has sold more readily than for sometime, and indicates an active financial interest in the success of the show, which is holding its 25th Anniversary Exhibition this year.

CULVER GOING TO MINNESOTA ONLY

V. S. Culver of Far Oaks Farm, Stillwater, Minn., whose show herd was such a strong factor all around the circuit last year, writes as follows regarding his plans for the show circuit this fall. "We shall show only at the Minnesota State Fair this year. Our exhibit will consist of two daughters and three sons of Piebe Laura Ollie Homestead King, the grand champion at Iowa last year. These calves are all under a year, but are made up of the right sort of quality and type to make a very commendable appearance. We are also going to show Pelagie Wayne Rag Apple King, who is now in her junior yearling form. She was undefeated last fall as a junior calf throughout the entire circuit and was thrice junior champion. She is continuing in the same form she carried last year. She is now safe in calf to King Segis Pontiac Count and we think that next year she will make some two-year-old for our herd. We plan on making the entire circuit next year. We shall have our Piebe Laura Ollie Homestead King at the head of our herd, with the younger classes made up entirely of his get. This year we are conditioning most of our females for A. R. O. work and continuing them semi-official, so hardly feel we could be justified in breaking up our plans to go out on circuit."

BAILEY GOING OUT FOR CANADIAN NATIONAL

The following letter from W. G. Bailey, Paris, Ont., gives some of the details concerning the string of Holsteins he will have on exhibition at the Canadian National this year. Last year Mr. Bailey was the heaviest winner at this greatest Holstein Show in the Dominion and as will be seen from his letter, he expects to do even better this year. American breeders will be especially interested in Mr. Bailey's remarks because he is seriously considering a trip to the National Dairy Show at Columbus in October.

"I have been quite busy lately putting a few of the finishing touches on the 18 head that I am taking to the Canadian National Exhibition. I think, in looking them over, that I have a string that will make a better showing than I did last fall. The cattle are in fairly good shape but the flies have been very hard on them for the past month.

"King Sylvia Keyes, my junior herd sire, will head the string this year. He is in great shape and has developed into a wonderful two-year-old bull and I think he will easily fill the place that my old bull did, Lakeview Dutchland Hengerveld 2d. 'King' sure has the right breeding also as he has 62½ per cent the blood of May Echo Sylvia, the dam of the $106,000 calf. His 20 nearest relatives average 641.4 pounds of milk with 32.95 pounds of butter and his dam and five sisters average 115 pounds of milk per day. In my herd I have 22 mature cows that have milked over 80 pounds of milk per day and some over 100 pounds so that the production back of the stock from this combination should be something great.

"The females that I will exhibit are the winners at the Canadian National last year together with other mature and young stock that I have bought and raised in the past year. I believe that these 18 head will be the straightest and the greatest bunch for size and individuality that I have ever seen together. My grand champion cow at the Western Fair will be shown as a dry cow. She, I believe, is as fine a cow and as near perfect as I have ever seen and with this she is a producer.

"I will show a half sister to May Echo Sylvia in the dry class also. She is a very large and strong cow, milked 80 pounds per day at three years old."

MADISON COUNTY ARRANGING STATE FAIR EXHIBIT

A committee consisting of A. A. Hartshorn, ex-president of the Holstein-Friesian Association of America, John H. Broad, president of the Madison-Chenango Holstein Club and J. R. Dice, head of the Department of Animal Husbandry at Morrisville Agricultural Schools, has recently visited many of the Holstein breeders of Madison county for the purpose of getting together an exhibit of Holsteins for the state fair. Madison county claims a greater number of Holstein cattle within its borders than any other county in the United States, and should be able to make a splendid showing.

EXTENDED PREMIUM LIST AT CONNECTICUT

The Connecticut Fair Association writes that the prospects look good for a large show of cattle this year at Hartford. Heretofore, they have had only four classes; namely, Holsteins, Jerseys, Guernseys and Ayrshires, this year there will be classifications for the Brown Swiss, Shorthorn, Angus and Hereford breeds. The fair opens Labor Day and Holsteins are to be judged the following day.

HAEGER STARTING OUT AT SPRINGFIELD, ILL.

Bob Haeger writes that he is coming out with a full string this year that will outclass anything he has ever had on the circuit before, which will mean quite a fair aggregation of Holsteins. They will face the judge first at Springfield, Ill. On account of the uncertainty of the help proposition his definite schedule of affairs following Illinois is not yet completed, but of course he will wind up at the National.

A BIG SHOW AT MINNESOTA

Holsteins are to be judged at Minnesota State Fair on Tuesday and Wednesday, September 3d and 4th in the afternoon of each day. The management advises that they have a nice entry of cattle and expect an exhibit in all classes of high quality. Among the Holstein, contenders, interest will center in the Marlow and McCargar bull, Sir Pietertje Ormsby Mercedes 14th, who made such a sensation around the state fair circuit last year. It is expected that this bull will be on exhibition, not only at the Minnesota State Fair but also at Wisconsin the following week and later at the Dairy Cattle Congress and at the National Dairy Show, although the owners write that their arrangements have not been fully completed and the help question may necessitate a change in their plans. V. S. Culver will also be out with a good string including some of last year's champions. The World expects to have a special representative on hand to report this show in detail. The Minnesota State Fair is a well rounded exhibition, which promises to break all records this year. Crops in Minnesota and surrounding territory are the largest in the memory of the oldest inhabitants and of course at the present prices are more valuable than ever before. The government exhibit will be on hand as well as any other special features connected with the war work. Special rates are made on the railroads.

CANADIAN NATIONAL STARTS THIS WEEK

Holstein judging at the Canadian National Exhibition at Toronto takes place August 29th and 30th, too late to admit of any report in this number. A member of the World staff is in attendance at this great show and a complete story of the awards will appear next week.

VAN PELT JUDGING AT KENTUCKY

Prof. Hugh G. Van Pelt has been engaged to judge all breeds of dairy cattle at the Kentucky State Fair September 9th to 14th. The Holstein show in this stronghold of the Jersey breed is a constantly growing feature.

SHOW PROSPECTS DOUBTFUL AT IOWANA FARMS

L. M. Hatch, assistant manager of Iowana Farms, Davenport, Iowa, writes that they have been planning on taking out a few head of young animals to the Dairy Cattle Congress and National Dairy Show, but unless they can be reasonably sure of having reliable help will not attempt to attend either show. O. E. Hatch, who has had charge of the Holstein herd at the farm and at the shows for the past three years, expects to go to training camp sometime during August, being the eighth from Iowana Farms to enter the service. Mr. Hatch writes that Oak De Kol Ollie Homestead, who has been grand champion at the National for the past two years, is looking better than ever this fall, but they are not planning on showing him again this year as they consider he is too valuable a sire to risk on the show circuit.

THREE HERDS AT LEAST AT WASHINGTON STATE

Three herds at least from the Yakima valley will be represented at Washington State Fair this year, with a possibility of additional competition, although some of the old-time standbys will not be present at the coming show. Washington Holsteins always render a good account of themselves.

THE WHY OF THE $106,000 BULL CALF

(Continued from page 23)

Model Johanna 2d would be immensely more valuable had her butter records been made from 750 pounds of milk, testing around 4 per cent. Let us hope that May Echo Sylvia will put the proper "leaven" into the blood of the calf's sire. She is a granddaughter of Hengerveld De Kol and Johanna Rue 3d's Lad. This last named bull is the sire of Finderne Pride Johanna Rue who made 36.86 pounds butter from 692 pounds milk, and 1,470 pounds butter from 28,403 pounds of milk in a year. Johanna Rue 3d's Lad has 20 daughters with milk records from 500 to 729 pounds. He is a half brother to Colantha Lad, who is probably the greatest sire of the breed when both milk and butter are considered.

When everything is considered this calf is about perfect from a milk and butter standpoint, and many eyes are watching him in the hope of finding the son of the greatest milker to be the greatest butter sire that the world has ever seen. The Carnation people have the money and the enterprise to give this young prodigy the necessary chance to immortalize himself. Go to it! The world is watching you!

—An ad in the World is an invitation for business to come to you

READY FOR SERVICE

Avalon Korndyke Duke, No. 225208

Born February 20, 1917

AVERAGE OF DAM AND SIRE'S DAM:

Butter, 7 days	32.22	pounds
Milk	641.1	pounds

DAM: Avalon Korndyke Countess 206064.

At 2 years 6 months 17 days:		
Butter	16.576	pounds
Milk	396.1	pounds
At 3 years 6 months 19 days:		
Butter	25.201	pounds
Milk	542.2	pounds
At 5 years:		
Butter	32.625	pounds
Milk	657.0	pounds
Milk, one day	100.0	pounds

Now on semi-official test with following production:

	Milk	Butter
May (29 days)	2,039.6	105.29
June	2,437.0	110.26
July	2,281.5	

This cow has 25 per cent of the blood of De Kol 2d's Butter Boy 3d, tracing four times to him, through both Butter Boy Pietertje and Sir Korndyke Manor De Kol.

The sire of Avalon Korndyke Duke is Baron Pontiac Korndyke 78212, a grandson through his sire of Butter Boy 3d, thus giving the young bull 25 per cent of that blood. This is the line breeding that we have long been working on, and we consider it of the highest value.

The sire's dam is Clothilde Pontiac Korndyke 98402, the highest record daughter of Korndyke Abbekerk, the Allamuchy Farms son of Pontiac Korndyke, who also has a 30-pound two-year-old daughter. Clothilde Pontiac Korndyke has three records made within two years averaging over 30 pounds, the last one being 31.82 pounds of butter and 625.2 pounds of milk.

Note the large milk production, the normal per cent of fat, and figure what these averages and this line breeding yould mean in YOUR herd.

AVALON FARMS

E. D. Curtis, Owner

BANTAM CONNECTICUT

THE CENTURY SIRES

(Continued from page 19.)

King of the Pontiacs leads in the yearly rating by a comfortable margin. In fat production his daughters average 222 per cent above the requirements for entry of semi-official records into the Blue Book. This is, indeed, a significant fact since he has twice as many yearly record daughters as any other century sire.

Colantha Johanna Lad stands second with a rating of 212. He has but 10 yearly record daughters, but these rate sufficiently high to give their sire the same rank which he held in the seven-day rating.

Homestead Girl De Kol Sarcastic Lad and De Kol 2d's Butter Boy 3d are tied for third and fourth places. Since the former has twice as many yearly record daughters as the latter, he is given third place.

Pontiac Korndyke, Hengerveld De Kol and Paul Beets De Kol rank fifth, sixth and seventh, respectively. Their ratings approach very closely 200 per cent, but are based on a comparatively small number of animals.

Aaggie Cornucopia Johanna Lad is eighth on the list with a rating of 179. He also has a small number of yearly record daughters. Lord Netherland De Kol has but one daughter in the yearly division and she rates comparatively low.

Summary and Conclusions

In summing our comparisons of the century sires and drawing conclusions we appreciate to the fullest extent that the reputation of a sire depends a great deal upon the opportunity which he is given to sire a large number of daughters and upon the opportunities which the latter are given to make high records.

In these comparisons we find that no one animal can claim undisputed supremacy in all cases. There has been one sire, however, who has stood out as being the greatest century sire that ever lived. King of the Pontiacs must be placed in a class by himself, since no other century sire can enter into a real comparison with him. In our judgment, the most equitable basis for comparison of sires is the rating of the daughters as described in Bulletin 153 of the Utah station. When the century sires were compared by this method, King of the Pontiacs excelled the others to such an extent that they can hardly be classed with him.

Of the eight remaining sires, Colantha Johanna Lad bids fair for second place. He ranks second only to King of the Pontiacs in both the seven-day and yearly ratings. His daughters also average exceptionally high in milk production. Colantha Johanna Lad has proved beyond a doubt that it is possible to correlate high milk yield and high fat content.

Pontiac Korndyke is the only remaining active century sire of exceptional merit. He ranks close to Colantha Johanna Lad in the comparison of seven-day ratings, but is fifth in the comparison of yearly ratings. He has five yearly record daughters, one of which rates low enough to place this great sire fifth in the comparison of yearly ratings.

Homestead Girl De Kol Sarcastic Lad, De Kol 2d's Butter Boy 3d, Hen-

(Continued on page 50)

GETTING BEFORE THE COURT OF PUBLIC OPINION

When the railway men wanted a raise in pay they had a national organization to speak for them as a united body; and through this body they threatened to paralyze the transportation of the country if their demands were not granted, and they conducted an advertising campaign, comparing their wages with the most favored trades, to show that they were not getting enough. They got what they were after.

When a federal commission, after investigating the meat packers, reported that they were making inordinate profits out of the war necessities of the country, they bought space by the page in all the public prints, and began arguing their case to the public; and they will get away with it.

When the urban population began crying, "play fair, Mr. Farmer, play fair," the farmers had no organization to make answer, nor even to learn what the city sentiment is and how it is working against them; and not a word has been said to correct the false notions. Every day we hear such expressions as: "The farmers are certainly making a killing these days; why, when I was a kid on the farm, dad was tickled to get $5 for his hogs, and now they are quoted at $18 and better." The tenderfoot who shouts this sort of thing sometimes rushes out into the country to join in the killing; but he usually sneaks back to town on a side street after the first round or two, and keeps so blamed quiet about farming forever after that his comrades never learn the facts from him.

It is the failure of the farmer to take his case to the high court of public opinion that has caused the prices of his products to him to be set below the cost of production. If he had a national organization to inform the public of the facts, his patriotism in raising needed crops regardless of cost or loss, because the national crisis needed them, would not be thrown in his face as answer sufficient to his request for a living price.

The national chamber of agriculture, the organization of which is now being urged by a number of public-

(Continued on page 61)

STRICKLAND FARM

Has for sale the following bulls backed by splendid butter records from the best individual cows of the breed:

1. Born March 18, 1918. Sire, Spring Farm King Pontiac 14th 133407. He needs no introduction, as his first daughters are making splendid records, a two-year-old milking as high as 61 lbs. a day. Dam: Changeling Queen 246176. She has 25.87 lbs. butter from 564.8 lbs. milk at three years. Individually, this calf is the best; marked about seven-eighths white. Price, $400.
2. Born April 21, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Elnora Fayne Burke De Kol. Milk, 442.1 lbs., making 23.15 lbs. butter testing 4.19 per cent fat. This is a beautifully marked calf, more white than black; good individually, long-bodied and a beauty. Price, $300.
3. Born March 12, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Loraine Korndyke Segis 178251, a splendid granddaughter of King Segis. She made 18.10 lbs. butter from 495 lbs. milk, and her dam was over 24 lbs. This calf is nicely marked and will surely please the man who gets him. Price, $200.
4. Born March 13, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Manor Copia Belle Korndyke, a good granddaughter of Colantha Johanna Lad with a record of 18.73 lbs. butter from 407.3 lbs. milk. Price, $175.
5. Born March 6, 1918. Sire: King Segis Sadie Vale. Dam: Mabel Artis Boness 325634. She has a record of 13.34 lbs. at 2 years. This is a beautiful calf, straight as a line. Will develop into a fine sire. Price, $125.
6. Born Dec. 8, 1917. Sire: Johanna Lady Korndyke Artis 146692. Dam: 28.14 lbs.; granddam 38.03 lbs. The dam of this calf is Elsie Rag Time 90344 with a record of 28.18 lbs. butter from 545.6 lbs. milk at 9 years, averaging 4.13 per cent fat. Just one of the great cows of the breed. Price, $350.

These calves are guaranteed to please. Write for pedigrees and photographs or wire us to reserve one of these calves for you. You get breeding, quality, individuality and price in these calves. Send in your order.

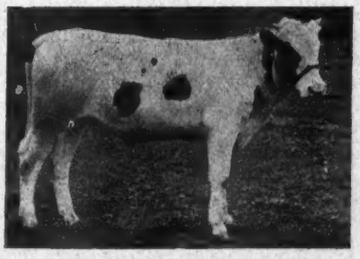
A few heifer calves for sale.

S. M. STRICKLAND

CARTHAGE NEW YORK

HURD FARMS

offer a very fine individual bull—



BORN MAY 22, 1917

This youngster is sired by Fairview Boon Rag Apple, a son of the great Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32.17-lb. four-year-old daughter of Pontiac Korndyke, a full brother, therefore, to the sire at the head of Friesland Farms Herd.

The dam of the calf is **HURD'S METTAMAE PONTIAC** that at 3 years 1 month of age made 27.14 lbs. butter from 519 lbs. milk in 7 days and 112.62 lbs. butter from 2,441 lbs. milk in 30 days. She is sired by Hilldale Korndyke Abbekerk, my senior herd sire, that is by a son of Pontiac Korndyke and from a 30-lb. 4-year-old. The second dam is an 18.57-lb. daughter of King Pontiac Price, he by King of the Pontiacs. I have just sold the dam of this bull to John A. Bell Jr.

The strains back of this bull insure a brilliant future for him.

HURD FARMS

C. W. Hurd, *Prop.* **Elma, N. Y.**

Rhoda Jewel Abbekerk 3d Gerben

Butter, 7 days	32.15
Milk	582.10
Butter, 30 days	126.15
Milk	2,539.10

Dam of a 33-lb. four-year-old.

This is the sort of cows we are building our herd from.

We have two of her daughters by good bulls.

We also have her three-fourths sister with a 31-lb. record.

Remember our herd is headed by KING BESS JOHANNA ORMSBY, the greatest combination of individuality, size and production.

He is exceptionally strong in yearly records.

Meadow Lane Farm

Aitken Bros.

Waukesha **Wis.**

The Second Natio

COLUMBUS, OHIO, C

Tuesday and Wednesday, e H

CONSIGNORS—

Pine Grove Farms
Emblagaard Dairy
Abbott & Clark
Maxwell Farms
W. H. Mace
Ray Meeker
W. C. Jeffries

Watch the List Grow!

Guaranteed Against T

FOR FURTHER INFORMATION ADDRESS E. M. HASTINGS CO., SALES MA

al Dairymen's Sale

CTOBER 15-16, 1918

e Holstein Day at the Dairy Show

THE First National Dairymen's Sale at Columbus last year under our management showed an average of $636.45 for 134 head, 31 head selling from $1,000 to $7,100.

The entries thus far received indicate a sale of even higher quality this year.

Additional entries of this class will be considered from reputable breeders who are willing to stand back of their offerings absolutely.

berculosis for 60 Days

GERS

LACONA, NEW YORK

THE CENTURY SIRES

(Continued from page 46.)

gerveld De Kol and Aaggie Cornucopia Johanna Lad might be considered on a par. They all have daughters which rate exceptionally high both in the seven-day and yearly rating. Each of these sires has ranked high in one or more comparisons in this work and it would be unjust to place one above the other. Aaggie Cornucopia Johanna Lad should be given honorable mention because of the high milk yield of his daughters in the seven-day division. In practically all of the comparisons Lord Netherland De Kol has ranked consistently low and he, therefore, naturally takes last place.

MILK IN THE DIET

In the food consumed by the average family milk and its products furnish 20 per cent of the heat units; in fact, scarcely a meal is served without some dairy product. It is doubtful whether there is a more widely used food in the world than milk or some of its products.

DON'T BE CAUGHT NEXT SPRING WITHOUT GOOD SEED CORN

If you have ever found yourself compelled to plant corn that was not fit for seed—a predicament many growers faced last spring—do not be caught that way again. Now is the time to begin preparations for next spring. Get your seed at ripening time, when the best quality is most plentiful. Get an abundance — enough for a second planting, if necessary, and a hold-over supply. Next year's crop may not be fit for seed. Save seed from the most productive individual stalks with the same care you use in propagating your animals. Care for each living kernel from the time it ripens until it is planted, in a manner that will enable it to develop into a thrifty plant. Do not expect germination tests made in the spring to restore vigor that proper gathering, drying, and storing would have retained. — United States Department of Agriculture.

DAIRY CATTLE CONGRESS AND INDUSTRIAL EXPOSITION

The "dairy cow in the war path," or how the cow with her products, so vital to humanity, is essential to rebuilding devastated Europe will be featured at the Dairy Cattle Congress and Industrial Exposition, September 30th to October 6th. In addition to the many educational features which characterize this show each year will be held an interstate meeting of the dairy councils of the Mississippi valley. These organizations which represent every branch of the industry in the various states will meet at the show to consider plans for joint action on an extensive advertising campaign to place dairy products before the consumers in the proper light. The announcement of the date of this meeting will be made in the near future. This meeting is being held at the suggestion of M. D. Munn, chairman of the committee appointed to reorganize the National Dairy Council

The breeders of dairy cattle are proving themselves loyal to the shows and from present indications the cattle exhibit will be fully as large, if not larger, than in previous years. The fact that there is an increasing demand for purebred dairy cattle makes the show ring more valuable to exhibitors than ever before.

The Dairy Cattle Congress will be particularly fortunate this year in having many of the smaller breeders out. The premium list has been arranged to encourage the small breeder without in any way diminishing its attractiveness to the large exhibitor.

Those who annually attend the show will find such exhibits as the Ed. C. Lasater Jersey herd from Falfurrias, Texas, the Adam Seitz Ayrshire herd of Waukesha, Wis., the D. D. Tenney Guernsey herd from Crystal Bay, Minn., the Longview Farms Jersey herd from Kansas City, Mo., the Hull Brothers' Brown Swiss herd from Painesville, Ohio, and many other celebrated herds from all parts of the United States.

The exhibition buildings and grounds are being reserved by manufacturers of milking machines, barn equipment, farm lighting systems, tractors, silos, farm machinery and many other necessities and conveniences for the progressive farmer. The new motor vehicle building will house a

(Continued on page 54)

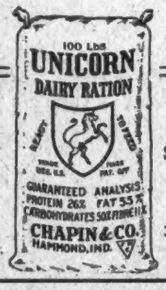
UNICORN DAIRY RATION

¶ Unicorn is preferred by a majority of the best breeders as their ration or ration base.

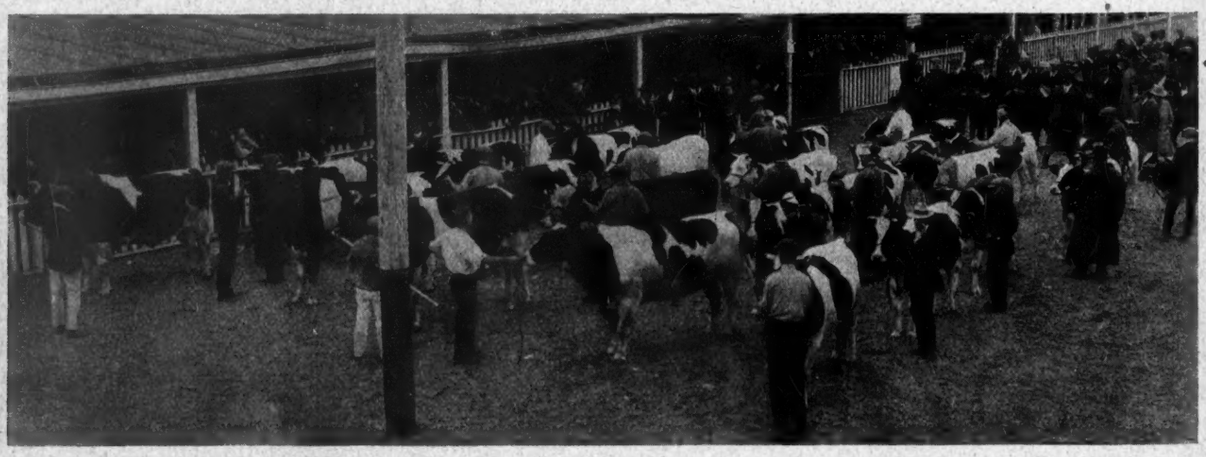
¶ Our chief difficulty has been to supply it fast enough under these abnormal conditions and heavy demands.

¶ The quality of Unicorn will always be maintained at its present high standard. Send for free copy of Cow Testers' Manual.

Chapin & Co., Dpt. s Chicago

A necessity for 

successful dairying



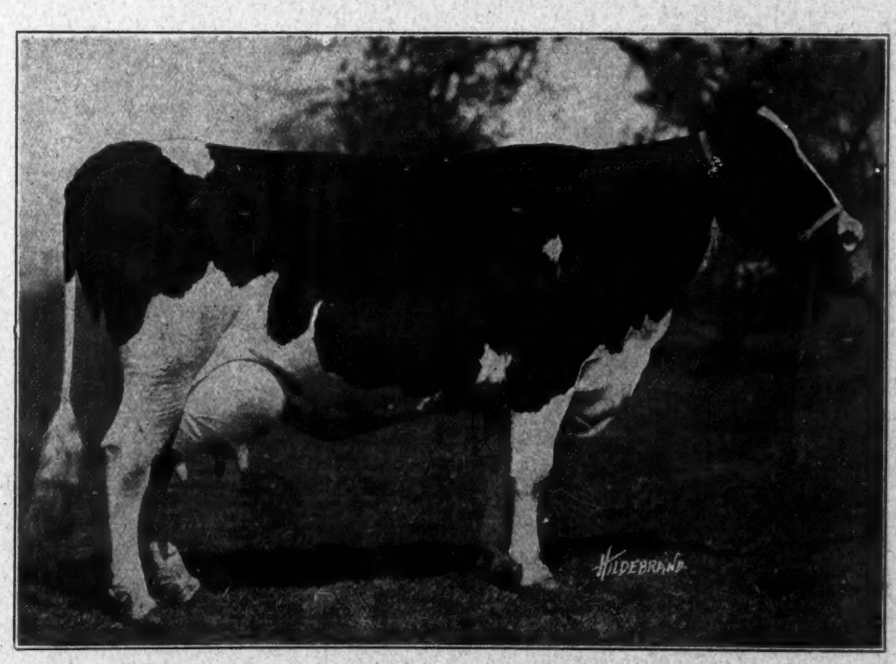
When they meet at Waterloo

When You Come to Watertown Next Week Plan to Inspect

OUR HERD SIRE

King Korndyke Winona

A SON OF THIS PERFECT COW



KORNDYKE WINONA

7 DAYS—Butter, 42.16. Milk, 750.6

30 DAYS—Butter, 147.69. Milk, 2,651.6

George N. Smith

NORTH COUNTRY FARMS
Watertown, New York

Auray Farms

Last Calf Advertised—1918 son of

King Wachusett Valdessa

Dam and sire's dam 38.75 Lbs.
3 nearest dams 37.15 Lbs.
13 nearest dams 30.90 Lbs.

has been placed with F. E. Brown, E. Martinsburg, N. Y.

We offer another, equally large, straight and evenly marked; same sire, and out of one of our best two-year-olds, a daughter of King Lyons.

Auray Lilly Lyons

2 y. 1 m. Butter 17.11 lbs.
2 y. 1 m. Milk 412 lbs.

Second dam an A. R. O. daughter of

King Segis

Out of an A. R. O. daughter of

Admiral Walker

Some Breeding—for

$250

Crated—Delivered Guaranteed

Write or telegraph (our expense) to reserve for you pending an examination of his chart and description.

Can spare two more recently dropped Wachusett (37.15 lbs.) heifers—beauties at $250.

AURAY FARMS

F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex County, N. J.

THE HUN ALPHABET

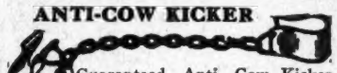
A—means Atrocity, in which all Huns delight.
B—is for Beastliness, their chiefest joy at night.
C—points to Cruelty, and every crime that's known.
D—stands for Devilish, and Satan leads his own.
E—tells of Enmity, they have for all mankind.
F—shouts Ferocity, that nowhere else you'll find.
G—is their Grossness grand, that even hogs can't claim.
H—stands for Horrors that arch-demons could not name.
I—means the Injuries the helpless must endure.
J—starts their Juggernaut that crushes rich and poor.
K—is their Kultur great — hell's poison that destroys.
L—stands for Lust and Loot, the measure of their joys.
M—points to Murder foul, which they delight to do.
N—is for Nastiness that fills them through and through.
O—means Oppression sure, their world-wide hope and thought.
P—is Pollution, rank of all that God hath wrought.
Q—is the Questionmark, they hurl at God and man.
R—means Rapacity, "Just stop us if you can."
S—says they're Savages in heart and mind and life.
T—warns of Tortures foul for mother, daughter, wife.
U—is their U-boat plan, hell's instrument of hate.
V—stands for Vileness, ugh!—such snakes and monsters great.
W—means the Woes they cause run through eternity.
X—is just X—always the unknown quantity.
Y—is that Yellow streak that through the tyrant runs.
Z—means that Zero is the sum of all the Huns. —Outlook.

DR. SCHERER TO SELL HIS HERD

Dr. Simon P. Scherer and Son of Fishers, Ind., announce a dissolution sale of the Hoosier herd comprising about 75 head of cows, heifers and bulls on September 11th at Springdale Farms. Owing to other arduous professional duties the senior member of this firm will retire from the breeding business and Dr. Harold L. Scherer will assume control of Springdale Farms.

Hoosier herd has been in continuous service for 16 years and represents the very best blood lines of the breed. A son of Pontiac Korndyke has been at the head of this herd for five years, and he and a large number of his daughters will be sold. Also a number of daughters of King Belle Segis, a son of King of Black and Whites out of Belle Segis.—Dr. P. Scherer and Dr. Harold Scherer.

ANTI-COW KICKER



Guaranteed Anti Cow Kicker. Only device for breaking heifers or vicious kickers. Indispensable when treating sore teats or udders. Money refunded if not satisfactory. Parcel Post $1.25.

The Moore Bros. of Albany, N. Y.

BE SURE to come to Joplin, Mo., Sept. 18th, sale of 75 head of purebred Holstein cattle. Great sale of QUALITY young stock, nearly all 1 to 3 years old.

PHELPS STOCK FARM
Aurora, Mo.

FOR SALE

A 17-months-old bull, Roseclif Segis Johanna De Kol 229484, ready for heavy service, and sired by King Segis De Kol Fayne 8th, who is closely related to Segis Fayne Johanna. Dam has record of nearly 18 lbs. butter and granddam of 25.63 lbs. Price $175.

Burr Oak Holstein Farm
HARRY A. KRING
South Bend, Ind. R. R. 1

Pontiac Korndyke's Greatest Daughter

Many breeders consider Fairview Jessie Korndyke the greatest daughter of Pontiac Korndyke. She is certainly his handsomest daughter and made her record of 30.89 lbs. butter from three-fourths of her udder. She is the dam of

SUPERBA RAG APPLE KORNDYKE

our herd sire that is sired by Rag Apple Korndyke 8th, "The Greatest Bull in the World." Here is a rare combination of breeding and individuality. The two nearest dams of Superba Rag Apple Korndyke average over 34 lbs. and his sisters are among the most noted animals of the breed.

We offer a son of Superba Rag Apple Korndyke, born February 15, 1918. His dam is Aaggie De Kol Butter Boy 2d, that made 16.96 lbs. butter under most unfavorable conditions. She is capable of a great deal larger record and we hope to have her in shape the next time she freshens. The calf is a beautiful individual, well grown, showing his superb breeding in every line.

RYDERDALE FARMS COMPANY **Black Creek, N. Y.**

THE LAST CALL

The Second Annual

Watertown Sale

Watertown, N. Y. Sept. 6, 1918

See What We Sell ! !

A Son of the World's Champion Twin with her Record of over 31 lbs.

A Son of a 30-lb. Cow that gave over 100 lbs. Milk during her best day.

Cows bred to a Son of Korndyke Winona, the $16,000 42-lb. Daughter of Pontiac Korndyke.

We will also offer daughters and granddaughters of the following great sires:

RAG APPLE KORNDYKE 8th
KING KORNDYKE SADIE VALE
SPRING FARM KING PONTIAC
PLEDGE SPOFFORD CALAMITY PAUL
KING OF THE PONTIACS
KING WALKER
SPRING FARM PONTIAC CORNUCOPIA
SIR KORNDYKE MANOR DE KOL

A Quality Sale

There is absolutely nothing but a perfect lot of animals in this sale. They consist of splendidly bred heifers, yearlings and young cows, many with splendid records. In fact, there are not a dozen animals in the sale that are not from record dams.

Do not fail to attend this sale and increase your number of Holsteins. They are good property and will increase in value every day.

The sale will be held the last day of the Jefferson County Fair, right on the grounds

Backus Bros. Pedigree Co. Sales Managers

MEXICO, N. Y.

C. F. PARSONS Auctioneers **B. V. KELLEY**

EVERYBODY WANTS THEM

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort

PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and **1,022 pounds of butter** in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2,258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

LOTHIAN-RIVERODE STOCK FARM

Alexander Watt **NOVELTY, OHIO** **L. M. Williams**

The World ad columns introduce you to both buyer and seller

Quality Heifers for Sale

I offer 12 head granddaughters of Colantha Johanna Lad and Dutchland Creamelle Korndyke Lad. They are large, have beautiful markings and are perfect specimens of the breed. Not a cull in the lot, they are from 14 to 18 months old, are all open, but arrangements can be made to breed them to a 32.55-lb. bull whose dam has beaten 31 lbs. in three consecutive years. They are from a tuberculin tested herd that is entirely free from abortion or any known disease and the heifers will be tested to go anywhere. They will be sold as one bunch. Price $300.

THOS. L. J. REESE, Montoursville, Pa.

DAIRY CATTLE CONGRESS AND INDUSTRIAL EXHIBITION

(Continued from page 50)

most complete exhibition of motor trucks and automobiles.

A large display refrigerator is now being installed in the exhibition hall. It is designed to show all dairy product displays to best advantage. This exhibit, like that of cattle, will be national in scope. The premiums have been materially increased and will attract butter, cheese and milk exhibitors from all parts of the country.

Among the unique educational exhibits will be the working cheese factory, the working creamery, the cow testing association demonstration, the purebred sire exhibit, the war equipment display, the Red Cross dairy herd, and the government and state dairy department exhibits.

The Dairy Cattle Congress is popular because it has a real mission. It was started for a definite purpose nine years ago and has become a greater factor in the dairy world each year. It is planned to make September 30th to October 6th a week of practical assistance to every dairyman and farmer.

"Are potatoes hard to raise?"

"I don't know, but the price of potatoes is."—Detroit Free Press.

HOLDING THE LINE

We have the task of maintaining the men in that living line made up of soldiers and the people back of that line. We must not run any risk. There must be no narrow margins. We must see that there is plenty of food over there, so that no matter what happens to the shipping in any one month, they are safe. Then we have the chance to win the war and make good.

The food program is a fighting program. We here in this country have the education, we have the brains, we have the loyalty. We must live up to our privilege of backing up our splendid men who represent us in the army and navy. Let each of us live so each day that when our boys come back from France we can look them in the eye and say: "I did my share and all that I could do at home."—United States Food Administration.

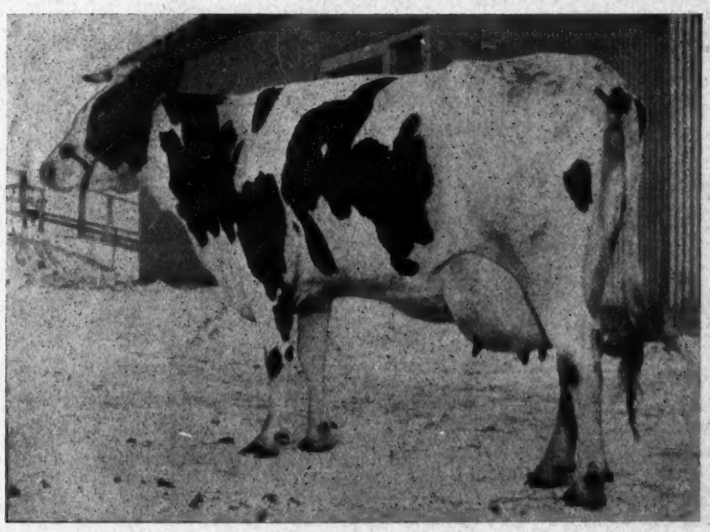
WANTED

Position as Manager or Superintendent with good, reliable people where A. R. O. work is done. Fifteen years experience with Black and Whites. Only first class position considered. Married. Thoroughly competent to handle good big proposition. No hobby. Business. At liberty September 1st.

GEO. B. ROBINSON, Supt.

Graystone Farms **WATERTOWN, N. Y.**

A Son of This Beautiful Cow



Born December 20, 1917

This is the oldest bull we have at Bonalevo Farms.

He is an extra fine individual, beautifully colored, very growthy, and splendidly bred.

His dam is Wolfspring Corintha, one of the most promising cows on our farm. She has a record of 26.44 lbs. butter from 588.1 lbs. milk. Her dam is Corintha 6th with 25.2 lbs. butter from 633.4 lbs. milk.

The sire of the calf is Oakland Sethje Mooie, whose five nearest dams average 30.78 lbs. butter.

Oakland Sethje Mooie is by Woodcrest Johanna Pietje, a grandson of both Colantha 4th's Johanna and Pietje 22d, both former world's champions. The dam of Oakland Sethje Mooie is Sethje Mooie, that has three times made better than 30 lbs., making 32.55 lbs. butter from 509 lbs. milk during her best period. She is by a son of Grace Fayne 2d's Homestead, the first 35-lb. cow, and from Sethje Golden Annette, 30.75 lbs. butter.

The five nearest dams of this calf are all officially tested and all are above 25 lbs.

This is one of the best calves we can offer, and owing to the fact the express companies seriously object to accepting calves after they have reached a certain weight prompts us to suggest that you write or wire us immediately to hold this calf for you. You will be surprised at the reasonable price at which we hold him.

BONALEVO FARMS

R. E. CHAPIN & SON, Owners
E. E. POOLE, Mgr.

Batavia, N. Y.

A Son of a 33-lb. 3-year-old

Born April 29, 1918

He is a son of MARION CLOVER BLOSSOM 3d that made 33.42 lbs. butter, 620.4 lbs. milk in 7 days; 134.21 lbs. butter, 2,427.9 lbs. milk in 30 days.

She is the champion heifer of her state over all ages and breeds and is New England Champion for junior three-year-olds making her record at the age of 3 years 4 months 27 days.

Her son is sired by King Walker Johanna Lad that is a son of King of the Black and Whites from Lottie Walker Spofford 2d, a 29.06-lb. daughter of Lottie Walker Spofford, 32.40 lbs. at 4 years.

THE RECORDS OF HIS DAM WITH THOSE OF THE TWO NEAREST DAMS OF HIS SIRE AVERAGE FOR THREE, BUTTER, 31.61 LBS.

We have other very choicely bred calves from A. R. O. dams. Prices and pedigrees furnished upon request.

Summit Lumber Company

Davidson Maine

BREEDERS OF PRIZE WINNERS

(Continued from page 38.)

H. A. Lyon	1	4.75	....	4.75
L. E. Jones	1	4.75	....	4.75
T. J. Patton	1	4.75	....	4.75
G. B. Warner	1	4.75	....	4.75
George A. Weed	1	4.75	....	4.75
Elmer G. Engle	1	4.50	....	4.50
N. T. Green	1	4.50	....	4.50
Christ Hansen	1	4.50	....	4.50
W. H. Mott	2	4.50	....	4.50
J. R. Thompson	1	4.50	....	4.50
Wade H. Barnes	1	4.25	....	4.25
Middlebrook Farm	1	4.25	....	4.25
Owen E. Mullen	1	4.25	....	4.25
Louis Neller	1	4.25	....	4.25
James A. D. A. Findlay	1	4.25	....	4.25
Dewey C. Pierson	1	4.25	....	4.25
Madison Elmore	1	4.00	....	4.00
M. H. Bartlett	3	4.00	....	4.00
Lauritz O. Larsen	1	4.00	....	4.00
Gustav Brickbauer	1	4.00	....	4.00
Estate of C. P. Christenson	1	4.00	....	4.00
A. & C. A. Christenson	1	4.00	....	4.00
E. W. Ecker	1	4.00	....	4.00
De Loss Eddy	1	4.00	....	4.00
D. W. Merrill	1	4.00	....	4.00
Arthur G. Pancoast	2	4.00	....	4.00
David Roberts	1	4.00	....	4.00

THE LEADERS FOR 1918-19

(Continued from page 30.)

with an average of better than 105 pounds milk per day for the first five months bids fair to establish a new world's record for the year, and will almost certainly become the first 30,000-pound repeater with the possibility of three years records averaging over 30,000 pounds.

Among the other records in this report well advanced and which indicate sensational work at the finish are Lady Mutual Friend with 757 pounds fat in 251 days; Fryslan Waldorf with 533 pounds fat in 179 days, her milk production being over 16,000 pounds; Miss Pietertje Alexina 2d with 779 pounds in 260 days, Lena De Kol 3d, an 11-year-old with 798 pounds in 298 days and others of almost equal merit.

Although another daughter of King Segis Pontiac Count leads the senior two-year-olds, Jewel Pontiac Segis with her production of 73.979 pounds fat nearly eight months after calving is really the outstanding heifer in her class. Her total for 228 days is 681.092 pounds fat and 19,135.7 pounds milk. Barring accidents she should hang up a new world's record in her class.

Beauty Beets Walker Segis, the sensational senior two-year-old daughter of King Segis Pontiac Count is making a more even run than Jewel Pontiac Segis, producing nearly 250 pounds more milk and seven pounds fat, during the month, a few days farther from calving with the sensational leading figures of 2,323.2 pounds milk, 81.08 pounds fat nearly eight months after calving. She has to her credit in 231 days, 17,228.6 pounds milk and 595.932 pounds fat, which should mean new world's records for both milk and butter in the senior two-year-old class by very wide margins.

The junior two-year-old class brings out a number of remarkable producers with two heifers producing over 80 pounds of fat in practically their fourth month. The leader, Oakdale Mutual Burke, an Iowa heifer, has 87.077 pounds fat completing 112 days in test and the Wisconsin heifer, Walcowis Ollie Mooie, who has led for the past few months coming second with 83.764 pounds fat but with the biggest milk production of any heifer in her class, 2,276.2 pounds. Her total for 122 days is 341.011 pounds fat and 9,071.2 pounds milk. This heifer is the state champion of Wisconsin in the short-time division.

Minnesota Holsteins lead in four out of seven classes, Ohio, New York and Iowa dividing the other three. It will be interesting to watch the further progress of these remarkable records now so nicely started.

Success of an advertiser depends on the followup as well as on the ad itself. When a man is interested enough to write you, then you must hold his interest in order that the deal may be consummated.

King Korndyke Sadie Vale 24th 163939

King Korndyke Sadie Vale 24th

If you like his type you will be interested in one of his fine sons, with a well balanced pedigree, with six nearest dams averaging as high as 29.8 lbs. Some of them soon ready for service. Send for photos and pedigrees today.

Home Farm Herd Holstein-Friesians

(Established 1881)

W. B. BARNEY & SONS CHAPIN, IOWA

King Pontiac Konigen

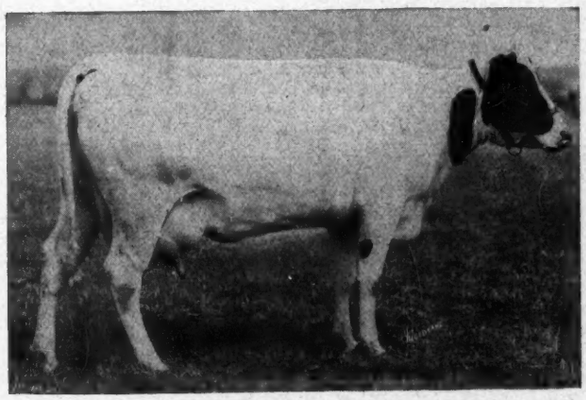
The only sire in the world with two daughters under full age, averaging over 40 lbs.

He Now Has FOUR 30-lb. Daughters!

OWNED BY

Woodlawn Dairy **Lincoln, Nebraska**

A SON OF THIS CHAMPION COW



THE WORLD'S CHAMPION THREE-YEAR-OLD

Here's the greatest opportunity you ever had to buy a son of a world's champion three-year-old. We have a son of Finderne Holingen Fayne, that as a junior three-year-old made 37.34 lbs. butter, which, for some years, was a world's record in its class; and her 30-day record of 150.33 lbs. butter is still the world's record in that division. Eight months after freshening she made 22.57 lbs. butter, which was also a world's record; and for the year made 1,395.06 lbs. butter, which at the time stood as a world's record over all ages and all breeds and is today the largest made by any other animal under full age. Finderne Holingen Fayne is the best daughter of King Hengerveld Aaggie Fayne, with 10 30-lb. daughters and three above 1,000 lbs. butter in a year.

This youngster was born October 1, 1917, and is sired by our King Valdessa, a son of the first 40-lb. cow, and sire of many of the most promising herd sires of the breed.

This calf is the best individual ever born on our farm—evenly marked and is for immediate sale.

BERNHARD MEYER **FINDERNE, N. J.**

CLOSE TO THE TOP

OUR SENIOR SIRE—King Segis Pontiac Willington 158145 is a son of King Segis Pontiac Alcartra, and the former world's champion, Prilly Princess Julia De Kol (30.44 lbs. at 4½ yrs.) His first daughter made at 1 yr., 9 mo., 23.97 lbs., second largest ever made at the age.

OUR JUNIOR SIRE—King Korndyke Fannie Veeman is a son of King Korndyke Sadie Vale from a 30-lb. 3-year-old daughter of Sir Veeman Hengerveld—one of the greatest prospects in W. D. Robens' herd.

WE ARE DEVELOPING our entire herd in official test, and have made a large number of records above 30 lbs. with many more prospects on the way.

OUR HERD IS HEALTHY—tuberculin tested regularly, and free from all diseases.

IF YOU LIKE THE COMBINATION, WHY NOT LET US HELP YOU IN SOLVING THE BULL PROBLEM?

Write Us Your Wants

GARDINER HALL Jr. & CO.

H. P. LOVERIN, Mgr. **South Willington, Conn.**

Who's Next?

Sons of KING KORNDYKE PONTIAC LASS, the $10,000 son of the first 44-lb cow, are in great demand and do not stay long with us.

Better get one while you have a chance. They can be had right now at the

IOWA BELLE HERD

C. S. MULKS Proprietor

Riceville, Iowa

Can also sell a few young A. R. O. cows safely in calf to King

King Pontiac Canary

Half a hundred A. R. O. daughters

Including 13 heifers with records of 20 to 28 lbs. No daughters yet tested in mature form.

Good Prospects for Future Development

As an individual	King of the Pontiacs never sired a better one.
As a transmitting sire	His daughters show uniformly heavy production with a high average test. Individually they are winners.
As the sire of your next bull	You might do worse. We have been breeding Holsteins since the pioneer days, and can furnish young bulls backed by generations of high record cows coming from lines that have won popularity through merit.

Write us your requirements, and we will send you pedigrees, etc., of some bargains hard to duplicate.

LAMB & LANGWORTHY

Maplehurst Farms **East Hamilton, N. Y.**

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt. **Barrington, Ill.**

Junior Sire

King Segis Pontiac Chicago—the $20,000 Bull

This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former world's champion.

The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter; 2,676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.

A 30-lb. Dam :: A World Famous Sire

Male Calf — Born Dec. 18, 1917 — Evenly Colored

A Son of

RAG APPLE KORNDYKE

50 A. R. O. DAUGHTERS

Fairview Rag Apple De Kol	37.09
Star Farm Cornucopia Rag Apple	30.11
Countess Jolie Johanna 2d	28.82

17 others above 20 lbs.

Rag Apple Korndyke is better known as the sire of Rag Apple Korndyke 8th, that sold in public sale for $25,000 and who sired the present world's champion senior three-year-old and the first 30-lb. two-year-old. He is one of the best sons of Pontiac Korndyke from Pontiac Rag Apple, a 31-lb. daughter of Pontiac Korndyke

and

BERYL AMERICA LADY

Butter	30.72
Milk	583.30
Average fat	4.21

Beryl America Lady is the dam of three A. R. O. daughters. She is an unusually fine type of animal and is a sister to the sires or dams of no less than three 30-lb. cows up to 37 lbs. She is by a son of the former world's champion, Beryl Wayne.

This is one of our best sons of Rag Apple Korndyke. He is bred well enough to head any herd and the price is in keeping with his quality. He will not remain long unsold.

W. Worth Jennings — **Jenningshurst Stock Farms** — Towanda Pa.

"The Maplecrest Way"

10 Cows 1,000 lbs.

That is the Combined List of the Daughters of

Friend Hengerveld De Kol Butter Boy and Pontiac Aaggie Korndyke

No other herd in the world has at its head two sires with as many 1,000-lb. daughters. Pontiac Aaggie Korndyke now has six that have crossed the 1,000-lb. mark—more than any other sire.

The sons of Pontiac Aaggie Korndyke from the long-distance daughters of Friend Hengerveld De Kol Butter Boy are taking their places at the head of many of the prominent herds of the east and west.

In their offspring you are sure to get the animals that can produce for as long as you wish—7 days, 30 days, one year, or successive years. It is upon animals of this quality and ability that you must "build the future." There is no other place you can secure them.

We shall be glad to tell you about one of these youngsters.

The Maplecrest Stock Farm Co.
CHARDON, OHIO

Maplecrest Pontiac Application
Butter, 7 days 35.10
Butter, 1 year 1344.30

Maplecrest Pontiac De Kol Banostine
Butter, 7 days 32.86
Butter, 1 year 1253.45

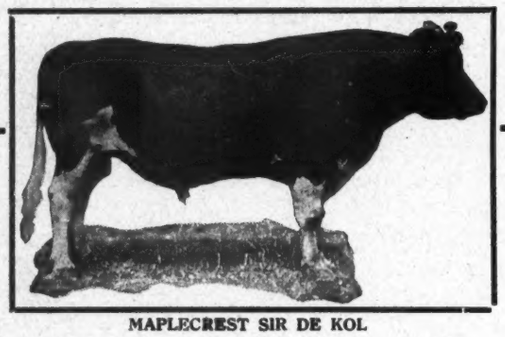
Maplecrest Pontiac Flora Hartog
Butter 30.26
Butter, 1 year 1232.63

Maplecrest Pontiac Daisy De Kol
Butter 31.07

Maplecrest Pontiac Fannie
Butter 30.53

Maplecrest Pontiac De Kol Lady
Butter, 7 days 31.15
Butter, 1 year 1018.48

The Prairiedale Dispersion



MAPLECREST SIR DE KOL

Distinctly a Breeder's Herd

Every one of the 74 head (with two exceptions) was born on Prairiedale Farm.

Every cow and heifer of milking age has an A. R. O. record.

Every one of the young animals (with one exception) has an A. R. O. dam.

Every milking from every cow weighed for the past fifteen years.

IN THE SALE—74 HEAD

12 cows with records of 23 to 29 lbs.—only 3 of 12 are full-age—and 32 of their daughters.

IN THE SALE

10 daughters of Fairmont Zerma Spofford.
12 daughters of Meta Ward Spofford.
8 daughters of Woodlawn Hengerveld Segis.
27 daughters of Maplecrest Sir De Kol.

57 daughters of four great sires.
7 sons of M. S. D. K.

Maplecrest Sir De Kol will be sold. He is a son of Friend Hengerveld De Kol Butter Boy and Maplecrest Pontiac Daisy De Kol, a 31-lb. daughter of Pontiac Aaggie Korndyke and Daisy Grace De Kol, 32.50 lbs., with 1,203.5 lbs. in a year.

Every animal over six months of age tuberculin tested.

One of the finest herds ever established

PAUL T. GALT
F. W. SPENCER, Owners

DIXON, ILL.

AT THE FARM **Oct. 3, 1918** DIXON ILLINOIS

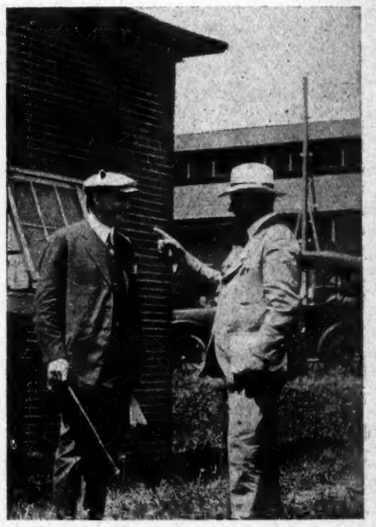
INKA SYLVIA BEETS POSCH IS DEAD

(Continued from page 30)

days in the senior two-year-old division.

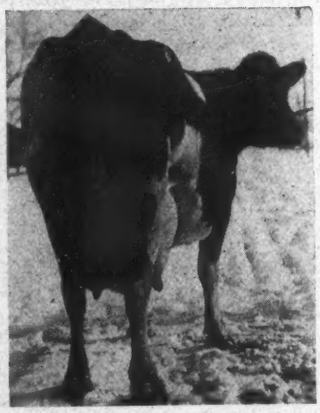
The dam of Inka Sylvia Beets Posch is that wonderful old cow, Inka Sylvia De Kol, in turn a daughter of Inka Sylvia. This latter cow in 1897 made 22 pounds of butter in seven days as a three-year-old. Such sires as Pietertje Hengerveld's Paul De Kol and others appear on this side of the pedigree and all trace back to those famous foundation cows of the breed in America.

The Experimental Farm System was extremely fortunate in obtaining this bull and not only are 19 daughters in the herd but 34 cows in this herd are in calf to this bull and the crop of calves should be invaluable in the future upbuilding of his herd which has already received recognition both as to type and production.—E. A. Archibald, dominion animal husbandman.



S. A. Martin and A. W. Green

Here are two good Ohio Holstein boosters snapped by a World camera man at Milwaukee. Mr. Martin is manager of Good Hold Farm at Mentor, Ohio, and is founding a magnificent herd of well bred, excellent individuals. The other chap is A. W. Green who has been putting Ohio on the map for two years with his $20,000 bull, King Champion Rag Apple.



2d Prize Cow at Chicago National Dairy Show

This is the Kind I'm Selling

It is the kind I'm going to buy when I get back from "over there." It is your opportunity to get a combination of

BREEDING—Granddaughters of King of the Pontiacs, Rag Apple Korndyke 8th and daughters of famous show bulls.

INDIVIDUALITY—They are a typy bunch, no wasp-waisted slopers in this choice little quality herd. They are the kind that make good.

RECORDS—From 19-lb. junior two-year-olds up to 26 pounds in seven days and 702 pounds in a year as three-year-olds. Daughters of cows whose dams are 30-pound cows with year records up to 1,200 pounds. Come and see them at Ford Brothers farm, near Riceville, Iowa.

W. D. HOSTROP, RICEVILLE IOWA

GETTING BEFORE THE COURT OF PUBLIC OPINION

(Continued from page 47)

spirited men, could well act as the farmer's mouth-piece in such cases and matters. It could both gather the needed facts and give them the necessary publicity; and its word would count for something. No private individual can do these things for himself. He can't afford it. His word would not count. No more valuable service has been done the farmer recently than the investigations and reports of the milk commission, based on the data collected by Professor Anderson of M. A. C., and others. The results are well known.

Naturally we all have a mild curious interest to know whether we are making or losing in any line of farming; but frequently the margin is wide enough that we need no bookkeeper to tell us the harrowing details, and it doesn't hurt quite so bad if the facts are never absolutely known and the known forgotten as soon as possible. But we do very much want, and are vitally interested in having other people know what production costs the consumer.

We want other farmers to know, because no form of competition is so discouraging as the competition of the man who insists and persists in producing and selling at a loss. In most businesses this sort of competition would be short, and it would be in farming but for the fact that many farmers do not have to pay any wages nor interest. They own the equipment, do the work themselves, and live on about half of the going rate of interest on their capital. Most of the men doing this do not realize what they are doing, and would quit if convinced of the facts, and leave the field to those so situated that they should engage in some occupation in which they can earn a living profit.

Secondly, we want the consumer to know what the cost of production is, so that he will not think he is being robbed when he pays a living price. If he knows that the price is fair he will pay it ungrudgingly, though he dislikes to part with the money, whereas, he would be spiteful and bitter if he thought he were overcharged and by his opposition he might, nay usually does, avoid payment, prevent the price being obtained, curtail consumption, etc.

Let us have an organization to find the cost of production as well as to help market the goods, and to give proper publicity to the facts. Let us have more cost accounts and surveys published.—The Michigan Farmer.

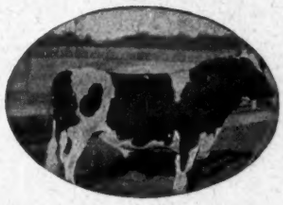
Of Interest To You

I have for sale a son of King Korndyke Sadie Vale; namely, King Rose Sadie Vale, evenly marked and ready for heavy service. The average A. R. O. record of his dam and sire's dam is 34.56 lbs. butter in seven days and 133.73 lbs. in 30 days. Five dams in his direct pedigree average 33.51 lbs.; three of these cows made world's records in seven, 30 and 365 days. Twenty-four cows with records from 30 to 41.96 lbs.; two with over 40 lbs. The first check for $1,200 buys him.

I also have a dandy son of Rag Apple Korndyke 8th for sale, and three splendid sons of the 38-lb. bull—all priced to sell.

I. J. CASE - ALTA, ILL.

A 32-lb. Bull for $500



A SON OF

Ormsby Korndyke Lad

5 30-lb. Daughters

The Sire of the World's Champion 2-year-old

From a Granddaughter of Hengerveld De Kol

Here's the best combination of breeding you can possibly get for the money. The calf is by the same sire as O. K. L. Albina, the present world's champion two-year-old, and is from Clothilde Dot 2d, a junior three-year-old granddaughter of Hengerveld De Kol, with a record of 29.73 lbs. butter from 446.6 lbs. milk. She is a sister to Juno Anathalie that has recently made better than 30 lbs. His two nearest dams average better than 32 lbs., and his sire was the first bull of the breed to have an average of over 35 lbs. for his two nearest dams. This calf is a show bull, right in every way, and by one of the coming sires of the breed. If you want a real good one you had better get busy.

HARRY B. DAVIS Chester, N. Y.

A LONG LIFE OF USEFULNESS

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

Is the record of **SILVER FLY 4th 58358,** born in 1901. She has given birth to 15 calves, having now six A. R. O. daughters. Under ordinary farm conditions, she has produced over 142,000 lbs. of milk, and is still producing. She has an official record, made some nine years ago, of 21.173 lbs. butter and 521.2 lbs. milk in seven days, at 8 years 11 months 19 days. She received "honorable mention" in the Holstein-Friesian World of October 27, 1917, and her picture appears in the December 1, 1917 issue of the same paper.

Her son, born May 28, 1917, was sired by Dutchland Colantha Winana Lad 114067, senior and grand champion bull at the 1917 Michigan State Fair, a son of the famous Colantha Johanna Lad that now stands next to Pontiac Korndyke in respect to number of 30-lb. daughters, and leads all sires with 27 daughters producing over 600 lbs. milk in seven days.

This youngster, with backing that combines type, vitality, lifelong usefulness and persistent heavy production, will make a splendid sire for your herd.

Send for pedigree, price and photo.

R. BRUCE McPHERSON HOWELL, MICH.

DAIRY COW AN ECONOMICAL PRODUCER

Two facts stand out prominently as reasons for the increased production and use of milk. The first is that milk as purchased on the market usually supplies food material together with the growth-producing elements more economically than either meat or eggs. The second reason is that the dairy cow is the most economical producer of animal food. One great law of food conservation is to turn inedible feeds into edible foods in the cheapest possible manner. The dairy cow will utilize coarse materials, inedible to humans—such as grass, cornstalks and hay—and will turn them into milk. Other farm animals also are converters of coarse roughage into edible foods, but are not so efficient as the dairy cow.

INFERIOR FEEDS IN MOURNING

Albany, Aug. 20th.—Protecting purchasers of feeds from practices of substituting inferior ingredients at prices of prime products, the New York State Food Commission at its last meeting adopted a complete set of rules relating to the handling and sale of feeds and feeding stuffs.

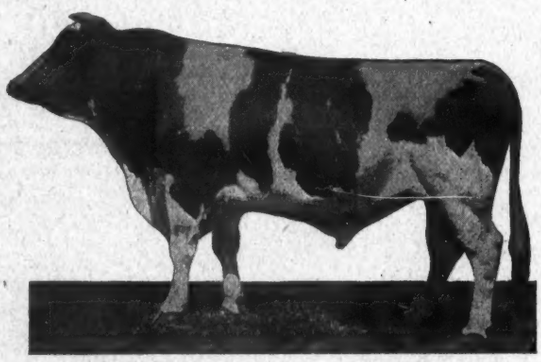
It designated a list of materials as "adulterants" including screenings, grain cleanings, chaff, oat or other grain hulls, peat, moss, ground hay, elevator sweepings, ground corncobs and stalks. Many of these are being used as "filler" in the feeds ordinarily sold.

The rules also provide that if any of these inferior ingredients are used they must be tagged or labeled showing the exact amount of each ingredient. This is a regulation which will inform every farmer as to just what he is buying if he cares to look at the labels.

The most interesting of the rules adopted is that a blank tag must be attached to every package of feed sold if it contains any of the inferior materials named and falls below 9 per cent of protein or comes above 10 per cent of fiber. This tag must be printed in white and give the list of all the ingredients of the feed and the amount of each.

The rules go into effect September 16th. They will be published in every county in the state.

"Don't bother 'bout de man dat brags about his fightin' qualities," said Uncle Eben; "but keep yoh eye on de man dat jes' hones his razor."—Washington Star.



At a Bargain Price
$1,000.00

We offer a very fine son of King of the Pontiacs, born March 28, 1918.

His dam is a 27-lb. daughter of Johanna King Segis, he a son of a 40-lb. cow and sired by a son of King Segis.

If there was ever a bargain it is this beautiful calf.

G. G. BURLINGAME *D. N. HARTT*
CAZENOVIA, N. Y.

A Bunch of Good Ones

A herd of 15 for $2,500.

4 yearling heifers—3 of these are bred.

7 two-year-olds—1 fresh, 1 due in October, 2 in November, 1 in January, 1 in March, 1 in April.

1 three-year-old—due in April.

1 four-year-old—due in December.

1 five-year-old—due in January.

1 seven-year-old—due in December.

Buy them now at this price and clip the coupons. Good breeding—good individuality — a bargain, here.

E. E. Clark
ANDOVER, N. Y.

EDUCATIONAL FEATURES AT NATIONAL DAIRY SHOW

That milk and its products are the cheapest animal food available, is the undisputed statement of many leaders of home economics and dairy thought.

That the cow produces more human food from a given amount of farm feed than any other animal, is unquestioned. That every housekeeper is interested these days in learning how to best meet the food requirements of her family, with rising cost in everything, goes without saying.

At the National Dairy Show, to be held October 10th to 19th, representatives of the United States Food Administration and Department of Agriculture will co-operate with representatives of the Ohio State University, presenting to the public, the latest results of science and practice in the preparation of milk and cheese as substitutes for meat; in the uses of these same products in the dinner pail of the hardy worker; the lunch box of the school child and the office worker.

The European armies are using cheese because of its high nutritive value, its ease of transportation, and the lack of any preparation required in the trenches. These, and many other aspects of the uses of milk, butter and many varieties of cheese will be staged in attractive stories at the forthcoming Dairy Show.

It is expected that the Bureau of Markets will present tangible and interesting evidence of the service which this bureau is rendering to the dairy industry with its market reports, quotations and consultations.

It is expected that there will be something coming from the recently organized Labor Board to show what has been accomplished in helping to solve the labor problem for the dairyman.

Dean Van Norman of the University of California and president of the National Dairy Show, recently spent two weeks in Washington and Columbus developing the war story of the dairy industry, and if present plans mature, the buildings devoted to the government's war stories will not be the least interesting points to visitors at the forthcoming show.

Many a man has found out the value of an ad in the World. Have you?

SIR JOHANNA FAYNE 42147

The only bull living with four daughters with records above 23,000 pounds milk in a year or seven above 20,000.

Never mind the 7-day forced record. It is the normal production during the other 358 days that determines a cow's ability.

IOWANA FARMS Davenport, Iowa

BROOK
NEWTOWN SQUARE, PA.

SUNNY HERD

MODEL ANNIE KING SEGIS 164697

This bull combines the finest individuality, highest quality and best breeding.

J. L. AUSTIN Rosemont, Pa.
SAMUEL W. HAGAN, Herdsman

Entire Herd For Sale

26 Females — 1 Bull
35-LB. BREEDING

Ill health of owner prompts this decision. Farm has been rented. All stock must be sold at once!

Several fine young A. R. O. cows.

Triumph Concordia De Kol 82861, son of a 35-lb. cow, has been herd sire for three years. Eleven of his daughters included.

All females in calf bred to a fine son of a splendid 28-lb. daughter of Korndyke Queen De Kol's Prince.

Buy all or part of this herd. Chances like this seldom offered.

Prices Will Surprise You

ADDRESS
L. W. M. Holstein-Friesian World Syracuse, N. Y.

ACCREDITED HERDS TRANSFERRED

By the action of the United States Livestock Sanitary Association at Chicago December 4, 1917, and through the co-operation which the Wisconsin State Department of Agriculture at the capitol has arranged with the Bureau of Animal Industry, the Wisconsin Accredited Herd System has been made a national system and will hereafter be known as the State and Federal Accredited Herd System.

The qualifications for this co-operative list will be practically the same as those formerly required for the State Accredited Herds, and all of the herds of the State Accredited List will be transferred to the new list as soon as they have fully qualified.

All states, and foreign nations as well, now thoroughly appreciate the importance of keeping out bovine tuberculosis by preventing it from being shipped in through the importation of cattle. Practically all state authorities full recognize the fact that a single animal tested from a herd which has not been tested before is an unsafe animal as she may carry the germ in an undeveloped state later to develop into a complete tubercular condition. They recognize the fact that the only safe herds from which to make purchases are those that are tested annually under the supervision of state and federal authorities.

Many states in the union have already taken the position that all animals shipped in must be subject to a retest 60 days after their arrival, reactors to revert to the original owner except animals coming from accredited herds which can be shipped to all states upon the accredited herd certificate.

The European nations now at war have practically destroyed their strains of dairy cattle. Fortunately, Wisconsin and the other great dairy states have secured the pick of the great herds of Europe and have bred from them better strains of livestock than Europe has ever had. When the war is closed, we shall have to restock Europe and return to them the Holsteins, Guernseys, Brown Swiss, Shorthorns and other valuable strains of livestock.

Naturally these countries will permit no tubercular animals to be imported. The accredited herds will, therefore, play the most important part in the rehabilitation, and the owners of state and federal accredited herds will undoubtedly reap the largest share of this trade.

The State Department of Agriculture and the Federal Bureau of Animal Industry, therefore, sends out an urgent appeal to county agents, livestock breeders' associations, bull associations, cow testing associations, and all other livestock interests to immediately urge the preparation of herds for the Wisconsin State and Federal Accredited Herd List, secure signatures of people who wish to have their herds tested for this purpose, send them in to the Department of Agriculture, and make arrangements for tests by local veterinarians certified to make accredited herd tests by the department.

The state and bureau requires temperatures to be taken at intervals of two hours to be conducted up to the twentieth hour from the time of injection, thus securing seven temperature records after the hour of the injection of tuberculin. By the co-operative plan local veterinarians who have been approved by the department can make the first annual or the first two semi-annual tests, but when making the last test, they must be accompanied by a state or federal inspector as no herds will be accredited other than those whose tests have been thus supervised by a state or federal employe.

THE COMMON TABLE

To the average American the question of food has been mainly one of purchasing from the nearest grocer and butcher what appetite and income dictate. Where that food comes from, how much more there is of it in the world, how universal its consumption, has been none of his concern. He could get what he wanted if he could pay for it and nothing else mattered.

But when America entered the world war and pooled her interests with her associates, the whole food situation changed. This change concerns not only governments, but the individual. We have become internationally minded even in the matter of food; and today every American must look on himself as a citizen of the world—a hungry world—when deciding what shall go on his table. Before he helps himself, he must stop and ask, "What is there to eat?" and "How many people are there to eat it?" For we must all sit down to a common table. Not only have we pooled war interests, but we have pooled food resources with the allies.

If The test of a breed is its proved dairy performance

Then The future of the Holsteins depends on the long-distance cows.

For Dairying ability is measured by months and not by a week.

The Best Bred Long-Distance Bull in the East

is

Maplecrest Farsedo Butter Boy 216667

At Your Service!

(A son of Friend Hengerveld De Kol Butter Boy and Maplecrest Pontiac Application, the best yearly record daughter of Pontiac Aaggie Korndyke. This is the nick in breeding that leads in yearly performance.)

Send for a pedigree "that is different"

RICHARD E. DODGE HENRY W. SEELEY
C. PAUL FARRAND

Washington Connecticut

SPLENDID WORK IN COLORADO

Donley & Simpson, Mt. Morrison, Colo., report some extraordinary work in official test and in their local cow testing association as will be seen from the following facts. One member of the herd, Ismay Belle De Kol, whose photograph appears in the Picture Gallery this week, has established a new record in the eight-months-after-calving division for the Rocky Mountain region with the remarkable production of 25.6 pounds. This cow has produced over 60,000 pounds of milk in her last three lactation periods. Another member of the herd, Colette Baker 4th, has averaged over 100 pounds per day in seven-day official test, her exact figures being 701 pounds milk, 27.8 pounds butter in seven days. She has produced over 43,000 pounds of milk in less than 21 months being dry only 11 days during that time. The other cows shown in the illustration are Oberlin Countess Pontiac, that made 24.5 pounds fat in seven days in June, which adds another to the growing list of 30-pound granddaughters for Pontiac Korndyke. In the cow testing association work, Joan De Kol Wayne produced 83 pounds of fat in June and 75 pounds in July; Peggy Mercedes Paul produced 89 pounds of fat in May, 101 pounds in June and 75 pounds in July, being milked only twice a day during the last month. Laura of Windsor 2d in May produced 97 pounds, in June 67 pounds and July 69 pounds of fat, milking only twice a day during June and July. Another cow shown, Rose Chiron De Kol, freshened the 9th of July and during the last 17 days of the month produced 67.5 pounds fat. This cow and the three cows shown together in the other picture have been leaders in the Tri-County Cow Testing Association each month and their work altogether will compare very favorably with that of any other cow reported in cow testing association activities. In addition to this splendid record of performance, the Donley & Simpson herd has made a creditable showing in the fastest show ring competition of the state.

Right—Oberlin Countess Pontiac 212057, a new 30-pound granddaughter of Pontiac Korndyke. Left—Rose Chiron De Kol 218037 produced 67.5 pounds fat in the last 17 days of July. A leader of the Tri-County Cow Testing Association. Owned by Donley & Simpson, Mt. Morrison, Colo.

Right—Joan De Kol Wayne 142804; Center—Laura of Windsor 2d 186952; Left—Peggy Mercedes Paul 172220. Leaders in the Tri-County Cow Testing Association during May, June and July, their records ranging from 67 to 101 pounds fat. Owned by Donley & Simpson, Mt. Morrison, Colo.

OUR SENIOR SIRE **Maplecrest Highlawn Cleveland**

A son of **Friend Hengerveld De Kol Butter Boy** (with four 1,000-lb. daughters) and **Burton Highlawn 2d's Hartog,** Ohio's first 30-lb. cow, she with a 1,200-lb. daughter and a 1,200-lb. granddaughter

Has

been bred to and has offspring from our best cows:

	(BUTTER)	(MILK)
10 of which average	1,071.3	25,786.4
15 of which average	1,018.	25,170.0

His

daughters are not old enough to be in milk yet, but they will start to freshen this fall. They look good to us—they cannot help but be good.

We have only three of his bull calves on the farm at present. Ask us about them.

L. H. MOULTON
FARM MANAGER

CLEVELAND CITY FARM
Warrensville, Ohio

K. L. JUVE
CHARGE OF CATTLE

Wisconsin Champions Bred and Developed at HillsideStock Farm

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr. 5 mo.

Champion 8 months after calving, 15.49 lbs. Champion S. O. yearly, 907.06.

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.85.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigrees, etc., address

R. J. SCHAEFER

Hillside Stock Farm **Appleton, Wis.**

A 33.79-lb. Bull Calf

BORN APRIL 2, 1918

Quick Sale—$250

A little more black than white

Straight—Fine Individual Right in Every Way

Particulars and pedigree upon request

BLACRES

Bennet & Latzer

WELLSBORO **PENNSYLVANIA**

MILL FEEDS FOR WINTER

Feed is ammunition needed on the food firing line and every American farm is a fighting unit. Farm supplies of mill feed for winter may advantageously be secured after the first part of September, when danger from spoilage is past.

With the establishment during July of fair prices for mill feeds, which licensed millers and dealers cannot exceed without penalty, the mill feed market became practically as stable and definite as that of wheat. Delayed orders will not insure a saving.

Each invoice of the mill must have printed on it the fair prices. Consequently it is easy for any representative of the Food Administration or for any buyer to know whether a mill has overcharged.

Far-seeing farmers who secure their winter supply of wheat mill feeds during September and October have the added satisfaction of doing a patriotic act by relieving the railroads of the burden of hauling feed in winter when their operation is more difficult.

Besides, the demand for feed in winter usually exceeds the output of the mills and makes deliveries uncertain. Feed actually in your possession is feed you can depend on.

Prices of coarse-grain feeds—Hominy, rye, barley feeds, etc.—will depend as heretofore largely on the market values of the grain from which they are made. But in those feeds also foresight in securing the winter supply is advised.

The Food Administration has established conditions in the feed industry that will result in better service and moderate handling costs. Your early order for feed will help to prevent congestion in industry and disappointing delay for yourself.—United States Food Administration.

"BUM" PROOFREADING

"Speaking of bad proofreading, ever hear about Smith's bad break?" asked the old-time editor. "It was like this: Mrs. Smith was exceptionally tall and thin. She was also an earnest churchworker. When she died, Smith ordered a fine monument, directing that the words, 'Lord, she was Thine,' be inscribed upon it. The engraver failed to calculate the space and the inscription read: 'Lord, she was Thin.'"

An Ad in the World is an invitation for business to come to you.

A HERD SIRE FOR YOU—

ONE WITH THE RIGHT KIND OF BACKING

Here is a calf that contains all that can be desired for a future sire. He is an excellent individual, well grown and will be ready for service this fall.

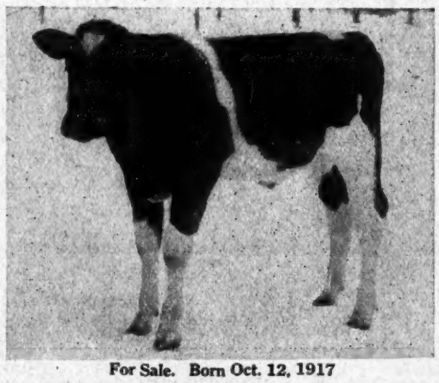
The more you study his pedigree, the better you like it.

His sire is King Pontiac Reliance, whose dam is a 33-lb. cow that sold for $6,100 and his sire's sire is King of the Pontiacs, the best known dairy sire in the world.

His dam is Christmas Tobe 2d, 31.66 lbs. butter in seven days and 129.46 lbs. in 30 days. These records, made at 10 years, were world's records. She is dam of a 36-lb. 3-year-old that in turn is dam of a 30-lb. 4-year-old.

His two nearest dams average 32.41 lbs. butter. Now where can you get a better one? Send for his pedigree and price.

J. H. PHELPS & SON Vernon, N. Y.



For Sale. Born Oct. 12, 1917

Friesland Farm Holsteins

NIVA KALMUCK
Butter 45.24

The Second Highest Record Cow Developed West of the Mississippi River

She was bred, born, raised, developed and is now owned in this herd, together with a very great number of her sisters and close relatives.

OUR HERD SIRES

Rag Apple Korndyke Boon **Alcartra Hengerveld Segis De Kol**

The former, already one of the best proven sons of Rag Apple Korndyke 8th, is from a 32-lb. four-year-old daughter of Pontiac Korndyke and is therefore a three-fourths brother to the present world's champion 42-lb.senior three-year-old.

The latter, a young sire, is by King Segis Pontiac Alcartra, famed as the first $50,000 bull, while his dam is Meta Hengerveld, one of the 11 30-lb. daughters of old Hengerveld De Kol and certainly one of his very finest individual daughters.

In one you get Pontiac Korndyke four times close up. In the other you get King Segis and Hengerveld De Kol.

WE CAN SELL YOU SONS OF EITHER OF THESE SIRES FROM DAMS UP TO 30 LBS. THAT ARE SISTERS TO THE FAMOUS NIVA KALMUCK.

Friesland Farms *B. B. Davis, Owner Henry Stubbe, Mgr.* **Omaha, Neb.**

O, SAY CAN YOU SING IT?

This variation of The Star Spangled Banner appears in a Colorado exchange:

"Oh, say can you sing from the start
to the end,
"What so proudly you stand for
when the orchestra plays it.
"When the whole congregation, in
voices that blend,
"Strike up the grand anthem, then
torture and slay it?
"How they halloo and shout, when
they're first starting out,
"But the dawn's early light finds
them floundering about.
"'Tis 'The Star Spangled Banner'
they are trying to sing,
"But they don't know the words of
the precious old thing."

FIVE HEIFER CALVES FROM FOUR COWS

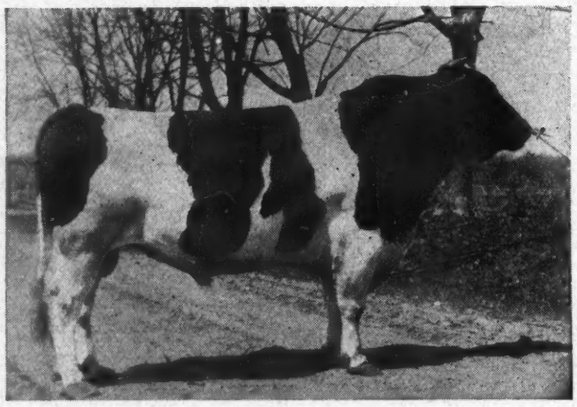
Editor Record:

A short time ago I wrote you an article (in the Record) about Wm. Eldridge starting a foundation herd of Holsteins and stated that he bought five females and one bull, giving breeding, and stated that he had good luck by having four of the females drop heifer calves and he had one that had not yet calved. Last week the remaining heifer calved and gave birth to twin heifer calves. These twins are sired by a son of the world's record milk cow, Lutscke Vale Cornucopia. The dam of these twin calves is a daughter of Sir Chimacum Wayne. Mr. Eldridge is to be congratulated on having a good start like this as most beginners have the opposite luck and, besides, the records and breeding on all of his females are hard to beat especially in the Chimacum valley where the Holsteins have made their name and world's records as they have in the past.—John Van Trojen Jr., Chimacum, Wash.

"General Crowder's 'Work or Fight' scheme may pan out nicely," said Ezekial Arrowroot of Hillcrest Dairy, "but up to date it has sent three college professors, an optician, an elevator boy, and six actors to my farm, and teaching 'em how to work is harder than doing it myself."

Many a man has found out the value of an ad in the World. Have you?

SONS OF THIS BULL



Mutual Fobes Longfield De Kol

22 A. R. O. Daughters. A Champion and sire of Champions

FROM DAMS UP TO 31.5 lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol.

THEY GO QUICK—SEND FOR DETAILS

MILFORD MEADOWS STOCK FARM

Emmons Blaine, Prop. LAKE MILLS, WIS. Harry Faville, Mgr.

King Korndyke Sadie Vale De Kol

FOR SALE

A magnificent four-year-old son of King Korndyke Sadie Vale, the sire of five 30-lb. daughters and the only bull in the world with a 40-lb. daughter and a 40-lb. dam. King Korndyke Sadie Vale is one of the most popular young sires of the breed and is the sire of a number of young sons heading many of the leading herds of the breed.

The dam of King Korndyke Sadie Vale De Kol is Alice Veeman Hengerveld, a daughter of Sir Veeman Hengerveld, that as a senior 4-year-old made 28.05 lbs. butter from 452.9 lbs. milk in 7 days and as a 6-year-old made 846.20 lbs. butter from 20,138.3 lbs milk in a year At eight years she has recently completed a year's record of 24,099.6 lbs. milk, 1,043.05 lbs. butter. The second dam is an 18-lb. 3-year-old with three tested daughters, two above 28 lbs. Alice Veeman Hengerveld is a FULL SISTER to Pleasant Hill Blanche Veeman Wayne with 29.28 lbs. in 7 days and 121 lbs. in 30 days with 793.2 lbs. butter in a year.

His Two Nearest Dams Average 34.55 lbs.

Here is a splendid herd sire with a very desirable combination of breeding. The King Korndyke Sadie Vale Sir Veeman Hengerveld cross, from a dam with a good seven-day and remarkable year's record, and individually right. Selling because we have so many of his daughters in the herd. If you want to own one of the very best correspond with me without delay.

DATUS CLARK, Owner **Peru, N. Y.**

A 28-lb. Rag Apple Bull

We offer for immediate sale a son of our herd sire, **Rag Apple Korndyke Colantha,** a three-fourths brother to the new 42-lb. world's champion three-year-old, being by Rag Apple Korndyke 8th, and from a 30-lb. daughter of Pontiac Korndyke.

The dam is now on test with 28.3 lbs. to her credit. He was born February 22, 1918, and his four nearest dams average 29.995 lbs.

A bargain for immediate sale.

Lawrence & Tuttle

Canastota, N. Y.

P. S.—The last bull advertised is sold to John B. Ames, Byron, Ohio

A Little the Best Bull You Ever Heard of For the Money

He is three-fourths white, a very fine growthy calf (born May 8, 1918) and just about the finest thing in point of breeding possible to imagine.

He is sired by King Sadie Vale Hengerveld, whose two nearest dams average, butter, 39.22 lbs.

He by the great King Korndyke Sadie Vale from S. V. H. Belle De Kol, the highest record daughter of Sir Veeman Hengerveld and made her record of 37.38 lbs. butter as a senior three-year-old.

The dam of this calf has just made as a senior 4-year-old, with second calf:

Butter	28.16
Milk	474.50
Butter, 30 days	102.76
Milk	2,002.90
Best day	75.40

She is sired by Pontiac Korndyke Hengerveld De Kol, with a 40-lb. daughter and two other 32-lb. daughters, and he a full brother in blood to King of the Pontiacs. The second dam is a 23-lb. four-year-old granddaughter of Pietje 22d's Woodcrest Lad.

The dam of this calf is a sure 30-lb. cow.

Price for immediate sale, $800.

Levelacres Herd

Linn Kinne, Owner Utica, N. Y.

THE BREED'S BEST BULL

King Netherland Segis Konigen

HE is a son of the Present World's Champion junior four-year-old, 43.59 lbs.

HIS DAM is the daughter of the Only Bull having a 43-lb. daughter and a 40-lb. full sister.

HIS SIRE is a son of a 40-lb. cow.

He Gets 50 per cent of His Blood from

King of the Pontiacs and Diona Konigen Pietertje, 37.44 lbs.

YOU can get his blood in your herd only by breeding your best cows to him. Had you not better arrange for service? WRITE

H. B. AYERS

7130 Meade Street Pittsburgh, Pa.

For Sale

To avoid inbreeding, our senior herd bull, King Colantha Clothilde 3d 98849, born Feb. 20, 1912, wt. 2450 lbs., three-fourths white, nicely marked, kind and sure. Sire, King Colantha Clothilde, 60403, a son of Colantha Johanna Lad and out of Abby Hartog Clothilde, record 31.39 lbs. butter. His dam is Buttercup Walker Pietertje, record 21.62 lbs. She died before she had a chance to increase this record. Her full sister, Marion Walker Pietertje, has 31.63 lbs.

His six nearest dams average 30.58 lbs. His first five daughters to freshen averaged better than 18 lbs. and one at 2 years 4 months 4 days made 20.53 lbs. So far, he has never served a cow with a record better than 23 lbs. We have 26 of his daughters in our barn and all are exceptionally well made individuals.

First check for $500 takes him. We are under state supervision. We have a few of his sons and two grandsons of King Korndyke Sadie Vale for sale.

FLOCK BREWING CO.

Williamsport Pennsylvania

HOW I MAKE 40-lb. RECORDS

So many people have asked me what my secrets are in making 40-lb. records that I have decided to write a book on the subject for the benefit of all. This will be the first book that was ever written on the subject and will be the most complete book ever written on Holstein-Friesian cattle. It touches on every phase of the game from the time the calf is born until it matures to a 40-lb. cow. It tells all the methods pursued to bring about this end and is written by the greatest maker of 40-lb. and world's records that the world has ever known.

This book is well bound and written in plain language, and to the point and sells for $5 the copy. I have received scores of orders in advance for this book. I will sell this book for $3 for the first 10 orders coming from this ad.

A. WARD HOWE New Hartford, N. Y.

Breeder of the Famous Tietje Family

THE YATES FARMS

HOME OF

REX PONTIAC

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

KING VALDESSA KORNDYKE

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and granddam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these line, address

THE YATES FARMS

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

Pontiac Korndyke

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs. and four daughters averaging 41.57 lbs.

One of His Best Sons

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. daughter of King Segis
SOME COMBINATION

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

This quality will move quick. Address

Hugh J. Davis

Maple Ridge Herd **Broadalbin, N. Y.**

SON OF 31-POUND TWO-YEAR-OLD IN WATERTOWN SALE

Editor World:

Word has just reached us that G. N. Smith of Watertown, N. Y., will consign to our Watertown sale, a son of North Country Dutchland Alice, who made at 2 years 9 months of age 31.12 pounds of butter in seven days, producing 513.3 pounds of milk and making 115.90 pounds of butter in 30 days from 2,211.90 pounds of milk. This heifer with her twin sister who made 26.30 pounds of butter in seven days as a senior two-year-old hold the world's record for twins. The young bull Mr. Smith is consigning is sired by a son of Elmwood Mink Korndyke, a 31.78-pound four-year-old and the sire is a son of Admiral Walker Boon, who sired three daughters that made records of 18 pounds, 20 pounds and 21 pounds, all under two years of age, one of them holding a world's record for age. This young bull is certainly bred in the strongest blood lines and is by far the greatest bred animal ever sold in a sale in northern New York, is ready for service, in fact Mr. Smith has been using him on a number of heifers and will offer in the sale seven or eight heifers all from good record dams, and bred to this young bull. Just consider for a moment what such a bull of this breeding is worth, think of it! The dam is a 31-pound two-year-old, and you should recollect that there are but five two-year-olds in the world that have ever made over 31 pounds of butter in seven days. Indeed 31-pound two-year-olds are far fewer than even the 40-pound cows. Some breeder should purchase this wonderfully well bred young bull and place him at the head of his herd—his dam is a real wonder, she shows great development and will certainly greatly increase her record when she freshens again.—Backus Bros. Pedigree Co., Mexico, N. Y.

WISCONSIN SUMMARY FOR JULY

The July summary of the cow testing association reports for Wisconsin shows that out of 43 associations, purebred and grade Holsteins lead in 22. In the herd averages, 19 out of the 34 leaders reported were grade or purebred herds and of the nine leading herds averaging over 40 pounds fat for the entire herd, six were purebred and grade Holstein herds, two being Guernseys and one a Jersey herd.

WE WILL SELL TEN FEMALES

FOUR yearlings
SIX two to eight years old

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

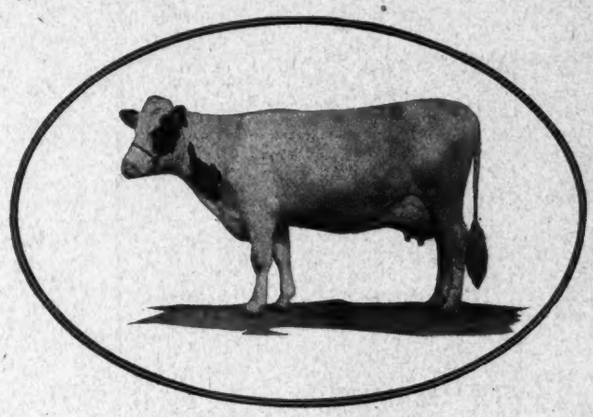
Aaggie Cornucopia Johanna Lad 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKay Brothers Waterloo, Iowa

The Highest Priced Cow in the World



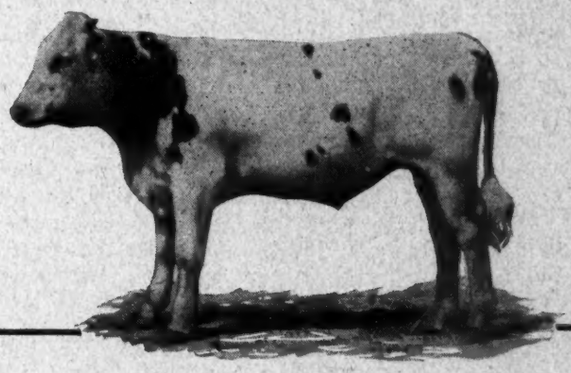
WANDERMERE BELLE HENGERVELD
Butter in 7 days, junior 4-year-old, 42.65 lbs

Her Son Heads My Herd

Ward W. Stevens

LIVERPOOL, N. Y.

World's Records In This Bull's Pedigree —



FOR SALE

Von Heim Sir Hartog Ormsby

TWIN
No. 214248

The dam is a 31-pound cow of great dairy type and has a number of remarkable records. She has two daughters (twins) that have just made wonderful records both tested at 26 months, and averaging 25.95 pounds butter, 5.2 per cent butterfat. The dam has a 31-pound full four-year-old sister and is by a brother of the sire of Duchess Skylark Ormsby, the world's champion cow for yearly butter production, while her sire is brother to Pietertje Maid Ormsby, twice a world's champion for thirty-day butter production.

The sire has two A. R. O. daughters that at 28 months averaged 25.98 pounds butter, 455.4 pounds milk; one daughter is a 31-pound heifer at 30 months. He is by the wonderful sire Aaggie Cornucopia Johanna Lad, the best son of the former world's champion Aaggie Cornucopia Pauline, 34.32 pounds butter in seven days, world's record when made and only cow with record above 30 pounds to have 30-pound daughter, granddaughter, great granddaughter, the latter with two 30-pound daughters, each with a 30-pound daughter. The sire's dam is by the great Colantha Johanna Lad, and twice made over 29 pounds butter in seven days.

This bull is mostly white, a faultless individual, and is bound to make a great sire. His sisters are making tremendous records, and the daughters of his dam are by a Colantha bull, showing that Von Heim Sir Hartog Ormsby has a remarkably successful nick of breeding in his pedigree that is bringing desired results.

VON HEIM FARM, KENT, WASH.

J. VON HERBERG, Owner
M. J. WALTHER, Supt.

Watch For Registration Day

The President of the United States will soon announce by proclamation, a Registration Day to be held as early in September as possible. More than 2,000,000 men are needed to put our army on a 5,000,000 men basis. 13,000,000 are expected to register.
Class one is nearly exhausted. This Class must be replenished from new registrants not later than October 1st.

Who must register :

All men from 18 to 20 years of age, inclusive, and
All men from 32 to 45 years of age, inclusive, should watch closely for the President's Proclamation, definitely designating who must register.

Where you will register :

In the customary voting precincts in the jurisdiction of your Local Selective Service or at other points to be designated.

Sick and non-resident registrants :

These will be furnished cards by their Local Boards. The sick will be registered by persons deputized to do so. Non-residents may register by mail through the County or City Clerk of the place at which they are stopping. Special provision will be made for felons, persons awaiting trial and others confined in jails or institutions.

The Government of the United States asks your hearty co-operation with your Local Board in making the registration a complete 100 per cent catalogue of every man of the ages to be announced in the President's Proclamation. Selection will take place later by the usual classification method.

The penalty for failure to register is one year imprisonment and NO man can exonerate himself by the payment of a fine.

WATCH FOR REGISTRATION DAY !

Approved by
NEWTON D. BAKER
Secretary of War

E. H. CROWDER
Provost Marshal General
U. S. War Department

Contributed through Division of Advertising

U. S. Gov't Comm. on Public Information

This space contributed for the Winning of the War by

The Publishers of

THE HOLSTEIN-FRIESIAN WORLD

NO! YOU CAN'T BUY HIM!!

EVERY SIRE
AND
EVERY DAM
FOR
FOUR GENERATIONS
ARE
SONS or DAUGHTERS
OF
PRESENT OR PAST

Champions

FINDERNE JOHANNA RUE VALDESSA
No. 195130.
Born March 30, 1916.
The records of his two nearest dams, one a junior 3-yr.-old, average:
Butter, 7 days 36.92
The records of his three nearest dams average:
Butter, 7 days 36.90
The records of his four nearest dams average:
Butter, 7 days 38.72
The sire combines in the closest possible degree the blood of the first 40-lb. cow, Valdessa Scott 2d (41.88 lbs.), and K. P. Pontiac Lass (44.18 lbs.), the first 44-lb. cow.
The sire's dam, Valdessa Scott 2d (41.88 lbs.), was the first cow to make a 40-lb. record. Her record and the records of her five tested daughters average higher than the records of any cow and five of her tested daughters.
The dam's sire, King Hengerveld Aaggie Fayne, has more daughters that are class champions for year butter production than has any other sire.
The dam, a 31-lb. junior 3-year-old has three times been a Holstein-Friesian Association prize winner. She carries 50 per cent the same blood as Segis Fayne Johanna (50.68), the only 50-lb. cow.
The dam's dam, Finderne Pride Johanna Rue (1,470.58 lbs.), the first 1,400-lb. cow, still holds the world's championship for butter record made eight months after freshening.

King Valdessa
No. 137495.
The records of his dam and sire's dam average:
Butter, 7 days 43.03
Average per cent fat 5.43
Butter, 30 days 167.90
His dam was the first 40-lb. cow of any breed and also the first cow to produce over 160 lbs. butter in 30 days.
The sire's dam was the first 44-lb. cow and she held all world's records from one to 100 days. She is a daughter of the great King of the Pontiacs and the 34-lb. cow, Tweede De Wol Lass. K. P. Pontiac Lass is sister to two 40-lb. cows and 23 others above 30 lbs., including the dams of King Segis Pontiac Konigen, the $35,000 bull, and King Segis Pontiac Alcartra, in whom a half interest was sold for $25,000.
A young son of this sire at only a few months old, sold in public sale for $21,500, a record price for a bull under one year of age at that time.

Spring Farm Pontiac Cornucopia
No. 77172.
28 A. R. O. daughters—
Glen Alex Tweede De Kol ..2½y 30.89
Millspring Pontiac Lass 3y 30.22
Highland Spring Farm Pontiac Queen 35m 23.98
Sadie Cornucopia Wayne 2d 3½y 21.38
Butter, 30 days 84.03
Rose Paul Pontiac 2½y 20.39
The first Holstein animal to sell in public sale for $15,000. His full brother sold for $10,000.
His dam carries 50 per cent the same blood as:
Lady Perfection Korndyke 40.25

Valdessa Scott 2d
No. 72311.
Butter, 7 days at 8 yr..... 41.88
Milk 694.60
Average per cent fat 4.82
Butter, 30 days 164.29
Milk 2,933.90
Average per cent fat 4.48
(World's butter records when made)
Butter, 7 days at 10 yr..... 37.49
Butter, 30 days 142.49
(World's record for age)
5 A. R. O. daughters—
Valdessa Ormsby De Kol ...7y 38.14
Butter, 7 days at 4 yr..... 32.98
Finderne Valdessa Pontiac 33.24

Finderne Johanna Fayne
No. 183223.
At 3 years 1 month 12 days—
Butter, 7 days 31.95
(4th Assn. Prize 1916)
Milk 533.30
(12th Assn. Prize 1916)
Butter, 30 days 117.26
(4th Assn. Prize 1916)
Milk 2,208.10
At 2 years 1 month 11 days—
Butter, 7 days 20.22
Milk 481.00
She carries 50 per cent the same blood as:
Segis Fayne Johanna 8y 50.68
(World's champion of all ages and breeds)
Butter, 7 days at 6 yr..... 35.30
Butter, 7 days at 7 yr..... 33.30
Butter, 7 days at 5 yr..... 31.89
Butter, 7 days at 3 yr..... 30.66
From a sister to five 30-lb. cows.

King Hengerveld Aaggie Fayne
No. 56635.
30 A. R. O. daughters—
Finderne Holingen Fayne...3y 37.34
(World's record when made)
Butter, 30 days 150.33
(World's record when made)
Butter, 365 days 1,395.06
(World's record)
Finderne Netherland Fayne 3½y 37.13
Finderne Mutual Fayne...3½y 36.73
Butter, 365 days at 27 m ...1,200.64
(World's record in class)
7 others above 30 lbs.
13 others above 20 lbs.

Finderne Pride Johanna Rue
No. 121083.
Butter, 7 days at 5 yr..... 36.87
Milk 692.50
Butter, 30 days 139.96
Milk 2,683.90
Butter, 11 mo. after calving... 36.03
Milk 602.40
Butter, 30 days 147.05
Milk 2,437.30
(Last two butter records are world's records)
Butter, 365 days 1,470.59
(World's record when made)

BUT YOU CAN BREED YOUR BEST COW TO HIM

COLUMBINE HERD

LYTLE, COLORADO

SPENCER PENROSE, Owner — W. E. CUSHNER, Manager

Buyers' Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

A Spring Farm—Prilly

BULL CALF FOR $175

Exceptionally well grown, evenly marked, of excellent conformation. Nearly 8 months old. He is from a three-year-old daughter (19.54 lbs. butter, 375 lbs. milk, with first calf) of Prilly Princess Sir Inka, the sire of high testing ones, who is a good grandson of old Prilly, "Queen of the Breed." Sire of calf is Spring Farm Butter Boy, a good son of Tweede De Kol Lass (34.39), dam of the former world's record high testing cow, K. P. Pontiac Lass, 44.18.

$175 While He Lasts

Extended pedigree for all 'cept the "postal card curious."

Broadhurst Holstein Farm
Morrisville, N. Y., which is in Madison Co.

Purebred Holsteins FOR SALE

Ten daughters of Sir Burke 117920 and some with good A. R. O. dams. His dam, Burke De Kol Pohlcrest at 2½ years, 26.63 lbs., at 7 years 32.50 lbs. butter in 7 days won $115 in prize money. We also offer several good cows, one a 21-lb. three-year-old. Weight 2,000 lbs. Also several calves. All must be sold at once. For price write

Geo. Vanderhoof & Son
Tioga Co.
Middlebury Center Pa.

Heifer Calf

Dam: Butter seven days 25.13 lbs., milk 500 lbs. She has a 31-lb. seven-eighths sister that we sold for $1,550.

Sire's dam: Butter seven days 31.30 lbs. She has a 30-lb. dam and a 31-lb. junior four-year-old daughter, making her the connecting link of three generations of 30-lb. cows.

Born July 18, 1918. Mostly white; very nice in every way. Yours for $150, if you take her when eight weeks old; safe arrival guaranteed. Write for pedigree and photo.

"Quality First"

HOBART W. FAY Mason, Mich.

Riverside Stock Farm

Our service bulls previously advertised are all sold. We now have a few bull calves from one to three months old, sired by King Pontiac Boon Lilith 106026, and Colantha Sir Aaggie Hartog 162572. Dams are A. R. O. cows with records from 20 to 30 lbs. butter. Write quick before they are all gone.

A. W. BROWN & SONS
West Winfield, N. Y.

POSITION WANTED

—By a—

Thoroughly proficient, General Farm and Private Estate Manager of proven ability and exceptional record.

Present position includes successful management of one of the most extensive and prominent private estates in the east.

Well qualified in construction, improvements, reclamation of soil and animals. Specialized with Holsteins.

WILLARD BEST Claverack, N. Y.

L. E. CONNELL

REGISTERED HOLSTEINS ALWAYS FOR SALE

write me your wants before placing your order elsewhere.

FAYETTE, OHIO

Sold Out of Bulls

More Coming, Though

Poplar Hollow Stock Farm
Bertram D. Scott, Prop.
Sta. F Minneapolis, Minn.

33-LB. BULL

Ready for Heavy Service

HAROLD F. HUBBS
Kirkville New York

YEARLING BULL

son of Judge Hengerveld De Kol 5th from a 23.30-lb. butter and 582.7-lb. milk daughter of Aaggie Cornucopia Johanna Lad—her dam from a tested daughter of Korndyke Queen De Kol Prince. A full sister of this bull made over 19 lbs. as a two-year-old. Bull is a good individual, nicely marked and well grown. Price $150.

C. H. BATES Morris Plains, N. J.

PEDIGREES

Our new price list has just come from the press—write now and obtain a copy. It shows our prices and describes the various kinds and styles of pedigrees that we prepare. It also gives prices and description of certificate envelopes, B-B herd registers, etc. Write at once.

BACKUS BROS. PEDIGREE CO.
Mexico New York

Bull Born December 18, 1916

Sire, CHANGELING BUTTER BOY (90 A. R. O. daughters). Dam, NETHERLAND ABBEKERK, a 22-lb. daughter of Tidy Abbekerk Prince. This calf has 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne, 44.43 lbs. butter in 7 days with three-fourths udder. He is nearly all white, well grown, a splendid individual and ready for heavy service. For price and pedigree write

F. A. Blewer, Maplevale Farms, Owego, N.Y

King Alcartra Butter Boy Heads Our Herd

He is a 32-lb. son of the $50,000 bull, King Segis Pontiac Alcartra. We now offer a carload of his daughters, and cows bred to him, also five of his sons, three to nine months old, from A. R. O. dams. If you want them, get in line, for they are priced to sell.

H. H. JONES R-3 Cazenovia, N. Y.

ZUYDERZ SUPERIOR VANDER LEI

Born Sept. 10, 1917, from a granddaughter of Hengerveld De Kol and backed by Colantha Johanna Lad, Blanche De Kol Hengerveld, 33.20, Pietje 22d, 31.62, Colantha 4th's Johanna, 35.22, and Pietje Vander Lei Lad, the 5.06 per cent fat bull. Won't last long at the price.

ZUYDERZ HOLSTEINS

L. B. TAYLOR
Lake Mills, Wis.

SOMETHING GOOD CHEAP

31.785-lb. bull calf, born April 10th. Two-thirds white. He has a 31-lb. sister, and he is priced for a quick sale.

Also a fine bull, born Sept. 4th. Dam has 23 lbs. He is sired by Model King Segis Koningen. We look for his dam to make 30 lbs. or better this fall. Also a grandson of Colantha Johanna Lad from a 25½-lb. dam. They are good enough for you.

EAGLE BAY FARM
F. A. House, Supt. Silver Creek, N. Y.

Wanted!—Position

On dairy farm where A. R. O. work is being done. Prefer Holsteins; experienced in feeding, breeding and handling cattle. Have done testing and some A. R. O. work. Married, American, age 33; best of references.

S. A. EASTMAN
Sheboygan Falls Wisconsin

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

The Home of BLOOD ROYAL

Blood Royal is the young bull we have selected to head the Silver Birch Herd. He is a son of Sir Veeman Hengerveld and his dam is a 21-lb. junior 2-year-old daughter of King Korndyke Sadie Vale. The second dam is a 34-lb. daughter of Sir Korndyke Pontiac Artis, and the fourth dam is Stella Veeman Wayne, a 27-lb. daughter of Sir Veeman Hengerveld. His ten nearest dams average over 30 lbs. Is he not correctly named?

Write for prices on some choice young bulls

FRANK H. HUETSON & SONS **Mexico, New York**

FOR SALE—25 Head of Young Cows and Heifers

due to freshen this fall and early winter. These are fine individuals, extra well bred, with calf by high record sires, and priced right.

If you want the good kind, come and see these or write for description.

R. H. BEARD & SONS **Cortland, N. Y.**

Every Breeder Should Read This

Lakeside Stock Farm now offers six grand bulls of various ages, from dams with A. R. O. records of 30 to over 35 pounds, also several others as good from dams with records as large, age considered.

All are of the highest individuality, best type, excellent breeding for several generations.

The Lakeside Herd was the first in America to make a specialty of breeding for the highest individuality, with the largest production, straight top lines, perfectly shaped, well balanced udders, a high per cent of butterfat under normal dairy conditions, handsome markings and marked uniformity.

The Netherland, Aaggie, Clothilde and Albino families, each of which led the dairy world in their time, for both milk and butter production and some of whose records have never been equaled under similar conditions, were developed and made their world's records in the Lakeside Herd. Their descendants still constitute the leading factors in the herd.

More than four-fifths of all the cows in America which have made butter records of 30 to 50 pounds trace their origin to these families.

They possess all the most desirable, indispensable qualities of the breed

E. A. POWELL

904 W. Genesee St. **SYRACUSE, N.Y.**

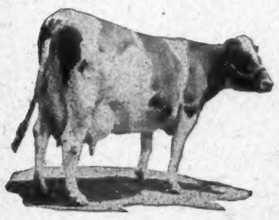
LORENZO FARM BULLS

SIRED BY LORENZO PONTIAC KORNDYKE (son of Pontiac Korndyke, from a 31-lb. daughter of Pontiac Korndyke) from dams with records of 24 to 27 lbs.
SIRED BY LORENZO KING OF THE PONTIACS (son of King of the Pontiacs, from a 28-lb. daughter of Johanna Rue 3d's Lad; 2d dam a 30-lb. daughter of a 23-lb. cow) from dams with records of 22 to 27 lbs.

The best breeding the breed has ever known at prices that mean quick sales.

LORENZO FARM

CHAS. S. FAIRCHILD, Prop.
E. C. HAVENS, Supt. **Cazenovia, N. Y.**



A SON OF THIS COW

De Kol Hengerveld Belle 5th

(31.58 lbs. butter, 674.6 lbs. milk. Best day 100.1 lbs.)

She is a daughter of Colantha Johanna Lad, and her dam is a 25-lb. daughter of De Kol 2d's Butter Boy 3d. The Sire is Sir Korndyke Pontiac Artis Jr.(one 31-lb. 3-year-old daughter), from the first 30-lb. daughter of Sir Veeman Hengerveld.

The bull was born May 5, 1918, and is the right kind of an individual.

For complete information address

THE WALLACE HOLSTEIN CO.

R. E. Buell, Mgr. **Wallingford, Conn.**

Desire to Sell Holstein Farm

With HERD and all equipment or want partner who will buy interest and assume management. Also have surplus cattle for sale, of our own breeding.

C. W. NEWMAN

Wyalusing **Pa.**

THE WORLD will help you find the man who wants your surplus stock and who is willing to pay the highest price for it.

HOOD FARM Breeding Powder

Makes barren cows and mares breed readily; destroys germs of abortion; causes cows to come in season; makes cows clean without force; stops unhealthy discharges; has been used with marvelous success by thousands of breeders. Guaranteed to cure barrenness if a cure is possible. We want you to try it. Advice free.

Prices prepaid, $1.15, $2.75 and $5.00 Flexible Injection Tube 90c, or with $5.00 order, 75c. Order now, mentioning this paper.

C. I. HOOD CO., Lowell, Mass.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr. Rochester, Minn.

SALE CATALOGS

During the past season we edited and printed a good majority of the sale catalogs for the leading sales in the United States. We guarantee our catalogs to equal in every respect those of our competitors. We would suggest that you get in communication with us as early as possible before your sale in order that we may be able to handle the catalog work.

Write at once for sample of our work and remember we furnish a complete catalog at only $2.80 per page complete.

BACKUS BROS. PEDIGREE CO.
Mexico **N. Y.**

For Sale

4 heifer 2-year-olds, 6 heifer calves and 2 male calves—all by 30-lb. sire and dams from 25 to 32 lbs. On account of being crowded for room, will make low price on them.

J. W. Garvey - Thayer, Ill.

FOR SALE

Three nice unbred yearlings. Three nice two-year-olds milking well and five nice calves out of King Korndyke Sadie Vale 28 No. 163614.

R. G. RUTHERFORD

Hammondale Holstein Stock Farm

Hammond **N. Y**

Wanted—To purchase for resale every month a small carload of young, graded, fresh Holstein cows with first calf.

Willard Ditch
MORGAN CITY LA.

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

PEDIGREE SERVICE
Up-to-date - Neat - Prompt

Order before the rush season. Herd Registers, large or small; special certificate envelopes; catalogs. New Stationery Price List just out.

LIVESTOCK PRINTING CO.
La Grange Illinois

Aaggie Cornucopia Johanna Lad

We have a bull calf out of one of his best daughters. She has seven-day, 30-day and yearly records. His sire a 35.61-lb. bull from a world's record dam. Hundreds of herds need such blood and he will pay for himself the first year. Price $350. Send for pedigree. We also have two younger bulls, $100 each, out of a 31-lb. son of K. S. P. Alcartra.

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in the business. H. A. Moyer, Syracuse N.Y.

THE MADISON-CHENANGO COUNTIES HOLSTEIN-FRIESIAN BREEDERS' CLUB

The Hub of the Hub for Healthy Holsteins

H. C. WOOD, Sec.-Treas.
Morrisville New York

Up-to-date

Typewritten Pedigrees

Seventy-five Cents Each
Sale Catalogs, $2.50 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391505 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

GREAT STUFF

The sisters of Superba Pontiac King are breaking world's records with 39 and 34 lbs. at three years. His dam is a 32-lb. cow, and his sire is King Segis Pontiac Columbo.

We offer a son from a fine granddaughter of King of the Pontiacs.

O. B. MOWRY & SON Mexico, N. Y.

Many a man has found out the value of an ad in the World. Have you?

Good Foundation Heifer

Born December 22, 1915. Seventy per cent white, straight, square udder, finely veined, easy milker. Due January 23d. Sired by a 29-lb. son of Sir Korndyke Pontiac Artis and bred to K. K. S. V. Poland, whose five nearest dams average 33.48 lbs. butter and 610.56 lbs. milk. Crated f. o. b.

F. HOWARD JUDD LINDEN, N. Y.

A Family Group Offered

One 24-lb. cow, three daughters and three granddaughters; one 27-lb. cow, a daughter with a 14-lb. two-year-old record, and two granddaughters. Another with a 17-lb. 2-year-old record and two of her daughters. All are good individuals, straight and right in every way.

E. W. ANDERS
R. F. D. No. 2. Norristown, Pa.

FOR SALE

A few choice bred heifers in calf to our Rag Apple and Meadowholm bulls. Also a few good cows. Must reduce number of herd.

ARCHIE REID JR.
Janesville, Wis.

A REAL HERD SIRE FOR $500

Segis Hengerveld Beets Lyons born March 21, 1913. A son of Pietertje Hengerveld Segis with over 100 tested daughters, from Bloomingdale Hengerveld Edith, a 32-lb. daughter of Hengerveld De Kol; the second dam, Edith Prescott Pauline De Kol with a 24-lb. record and dam of seven tested daughters. She is sired by Paul Beets De Kol. This bull is 9-10 white, right in every way and the best individual son of his sire. The records of his two nearest dams average 32.88 lbs.

J. G. KERRICK Towanda, Pa.

Sons of King Model

From good daughters of Topsy Pontiac, whose dams and granddams have A. R. O. records.

W. O. WOOD
Red Creek, New York

For Milk and Comfort

Spray Cows with

MOORE BROS. NO-FLY

1 gal. can - - - $1.00
5 gal. can - - - $3.50

F. O. B. Albany, N. Y.

THE MOORE BROS., Albany, N. Y.

Grandsons of K. P

From good A. R. O. dams and by one of the best individual sons of King of the Pontiacs. They have real quality and are priced right. For information address

CHAS. K. RECORD & SON
Peterboro, Madison Co. New York

ECONOMICAL MILK-PRODUCING FEEDS

Velvet Bean Meal Feed, Protein 18 per cent; Fat 4 per cent; Fibre 14 per cent; Carbohydrates 50 per cent.

Old Process Cocoanut Oil Cake Meal, Protein 22 per cent; Fat 7 per cent; Fibre 11 per cent.

Ton lots or carlots.

NEUSTADT & COMPANY
294 Ninth Avenue New York City

If You Want a BULL

That will be certain to improve the production, type and conformation of your herd.

Buy This Bull

His sire: a 32.5-lb. son of King Korndyke Sadie Vale.

His dam: an 18.44-lb. junior two-year-old (he is her second calf). Her sire is a 32-lb. bull, and her dam is a 26.22-lb. three-year-old.

This bull is every inch a show animal, and every one of his close relatives are grand individuals. He was born January 8, 1918.

His A. R. O. backing is great. Remember that 11 of his 15 nearest dams average 30.43 lbs. butter from 598 lbs. milk.

Lots of breeders would ask $500 for this bull, and he is worth it, too, but to move him quick the price is $300, crated, delivered; guaranteed to please.

His printed pedigree is ready for mailing. Act quick if you want to own him.

We Also Have

a very nice young bull calf, born June 6th. Sire same as above. Dam, an untested three-year-old daughter of a 25.79-lb. cow, next dam 23 lbs.

Eleven of this bull's 15 nearest dams average 29.14 lbs. butter.

He is a bargain at the present price, $140, crated, delivered, guaranteed; shipment to be made at three months of age.

Herd free from tuberculosis.

W. H. Whitacre

Penn-acre Farm
Limaville, Ohio R. F. D

Grandsons of "Diona"

Sired by KING CHAMPION whose first tested daughter has made almost 19 lbs. butter as a junior 2-year-old. The sire of King Champion is a son of King Pontiac Champion, with nine 30-lb. daughters since January 1st, and his dam is DIONA KONIGEN PIETERTJE with records as follows:

	But.	Milk	%Fat
7 days	37.44	610.4	4.91
30 days	154.39	2651.1	4.66
She is dam of:			
K. P. Diona Piet.	40.12	825.6	3.89
Dio. Kon. Piet. 2d, 4y.	35.94	574.1	5.01
Rag Ap. Dio. Queen, 3y	27.09	507.4	4.27
K. P. Kon., who is sire of Lady Neth. Pon., 4y	43.59		

(World's Champion)

A particularly choice one is a son of JANNEK PIETJE that made 14.60 lbs. butter from 315 lbs. milk, averaging 3.7 per cent as a junior 2-year-old. The second dam has better than 22 lbs. and the third dam 20 lbs. Calf is handsomely marked, a fine individual, more black than white. Price, $175, registered, crated and delivered to express office at West Winfield. Tuberculin tested if desired.

Don J. Wood, West Winfield, N.Y.

ONE YOU WILL LIKE

A perfect individual, nicely marked and one of the best bred Korndyke bulls you can find.

His sire is Waconda Sir Copia Korndyke, that has a number of tested 2-year-old daughters making right close to 20 lbs. He is by a son of Pontiac Korndyke from a 33-lb. dam and is a brother to a 36-lb. heifer and a $25,000 bull. Waconda Sir Copia Korndyke is from a 31-lb. granddaughter of De Kol 2d's Butter Boy 3d.

The dam is a 26-lb. three-year-old daughter of Earl Korndyke De Kol (64 A. R. O. daughters), a son of old Belle Korndyke, 25.77 lbs., and brother, therefore, to Pontiac Korndyke.

Four of his nearest dams average 28.80 lbs. You cannot beat him at our price—$200.

SUNNYCROFT FARMS
C. B. Marshall Morrisville, N. Y.

How Would You Better This Combination?

A son of King Korndyke Sadie Vale Wayne and **FINDERNE WAYNE PONTIAC**, a 25.55-lb. junior 2-year-old daughter of Gordon Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON **Newark Valley, N. Y.**

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113684 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.
L. D. UPHAM, Lebanon, N.Y. C. S. HOLCOMB, Plymouth, N.Y.

The Greatest Bull on Earth

SIR ORMSBY SKYLARK—He Sired the Champion Record Cow of the World, Duchess Skylark Ormsby

Sons of Sir Ormsby Skylark from high testing dams for sale. Will also sell my four-year-old junior herd sire, 35-lb. son of Johanna McKinley Segis and Pearl Ormsby Burke.

MAXWELL FARMS **Waterloo, Iowa**

NORTH STAR HERD OFFERS *Two Bull Calves*

20 lbs. at 2 years — **21 lbs. at 2 years**

Their dams have made 20 lbs. and 21 lbs. as two-year-olds and are sure 30-pound prospects. These calves are good enough to head splendid herds. They are fine individuals and well grown. Write us at once about them.

W. S. MOSCRIP **Lake Elmo, Minn.**

BULL CALVES FOR SALE

WITH YEARLY RECORD BACKING

Sired by our senior herd sire whose dam, ROYALTON DE KOL VIOLET, holds four world's records and was a leader in three different classes 1916-17. The first two daughters to finish yearly records average 17,000 pounds milk and 750 pounds butter at two years.

These calves are priced to sell. Write us your wants.

H. A. McQUILLIN **Delta, Ohio**

RENGEDYKE FARM

EUGENE D. HOFELLER

Home of

TIDY ABBEKERK PRINCE 16th

Farm at Water Valley, N. Y. — *Business Office Marine National Bank Bld'g, Buffalo, N. Y.*

GOLDEN OPPORTUNITY

On account of poor health we offer for quick sale

Orchard Grove Farms

Consisting of 110 acres, located in rich farming district, well watered, very productive, nearly all under cultivation; together with 10 head purebred registered Holstein cattle.

Price low for quick sale
Any reasonable offer considered

WILLIAM W. SHANNON
HILL CREST FARM
Carthage Jefferson County, New York

A Colantha-Ormsby Combination

We offer a son of our herd sire, Dutchland Colantha Artis Lad, who is sired by Colantha Johanna Lad, and from a 29-lb. daughter of Dutchland Sir Pietertje Hengerveld.

The dam, Maple Knoll Paula 4th (25.67 lbs. butter, 465.3 lbs. milk), is by King Korndyke Hengerveld Ormsby (famous son of Pietertje Maid Ormsby, 35.56 lbs.), and from a dam with a 30-lb. daughter and two daughters averaging nearly 840 lbs. in a year.

Calf was born November 21, 1917, is three-fourths white and a fine one.

Send for his pedigree and description.

H. D. SEELY

Maple Knoll Farm **Orange Co.**
Goshen, N. Y.

The World

Will sell your stock in a hurry and get the Best Price for it

Try it and see

Now Ready for Service

a few sons of TIDY ABBEKERK PRINCE from good dams. These are the last sons from that famous sire.

Henry Lathrop & Sons
Sherburne - - New York

BULL CALF FOR SALE BORN MARCH 16, 1918

His dam is Lockhart Bessie Pietertje 2d 208543, with 18.21 lbs. butter and 389.4 lbs. milk as a three-year-old. He is sired by Lockhart Lilith King 146755, his dam with 31.77 lbs. and his sire's seven nearest dams all 30-lb. cows.

Price $100, crated and delivered at Solsville with all papers

LOCKHART HOLSTEIN FARM
Eugene La Munion **Solsville, N. Y.**

DUTCH CORNER HOLSTEINS

Two good individual bull calves, sired by Governor Walker Lyons 196616. One dark—born November 27, 1917. Dam a 23.16-lb. granddaughter of Korndyke Queen De Kol's Prince. One light—born December 12, 1917; dam a 23.22-lb. four-year-old. Both cows from same dam. She has another daughter who averaged 109 lbs. milk per day. Your choice, delivered, $125. Send for photo and pedigree.

John J. Walrath **East Springfield, N.Y**

Nuway Stock Farm

offers for sale two yearling heifers sired by a 31.87-lb. grandson of King Segis from A. R. O. dams.

Price, $350 f. o. b. West Winfield, N. Y.

D. W. Morris & Sons
West Winfield, N. Y.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY, Syracuse, N.Y.

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

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Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

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WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

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COL. D. L. PERRY

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I also sell satisfaction

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For Your Holsteins With

J. E. MACK

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W. H. KRAUSE

Wisconsin's Live Wire in Holstein Sales

Write for dates

THORP, WISCONSIN

Go Over the Top With Your Holstein Sale

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HOLSTEINS

Overstocked, will have to sell 30 head before November 1st. Eighty head to choose from, of all ages. Granddaughters of The Milk & Butter King and Spring Farm Pontiac Cornucopia and other good sires—some with A. R. O. records; some to freshen this fall. Also 14 purebred Percheron horses of both sex of all ages at reasonable prices.

E. J. BUYEA Oneida, N. Y.

KING KORNDYKE VEEMAN VALE 112926

His two nearest dams average 35.9 lbs., and his six nearest dams average 32.77 lbs.; 13 of his 15 nearest sires have 30-lb. daughters and four of them have 40-lb. daughters.

He is a splendid individual and his daughters have won prizes in the show ring.

His first 12 daughters average 19.72 lbs. at average age of 2 years 5 months, one of them breaking the South Dakota state record with 26.15 lbs. at 2 years 4 months.

GREAT BREEDING, GREAT TYPE, GREAT OFFSPRING.

Service fee $100 for approved cows. Write to

P. R. CROTHERS & SON, Badger, S. D. F. E. JOHNSON, Hetland, S. D.

COLLEGE KING SEGIS ALCARTRA 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. Five of his nearest sires are the greatest bulls of the breed—King Segis Pontiac Alcartra, King Segis Pontiac, King Segis, King of the Pontiacs and Pontiac Korndyke. Service fee for approved cows, $200. Bulls from A. R. O. dams for sale.

Harvey A. Morrison President — **UNION COLLEGE** College View, Neb. — **Chas. Williams** Herd Supt.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott RANDALIA, IOWA

SONS OF YEARLY RECORD COWS

We offer, for $200, one born March 28, 1918. His dam has a record of 796 lbs. butter with a butterfat average of 3.8 per cent. Her daughter made 734 lbs. butter at three years with an average of 4.2 per cent butterfat. His sire is King Pontiac Barnum De Kol, a son of Spring Farm Pontiac Cornucopia that now has a 30-lb. two-year-old and a 30-lb. three-year-old daughter.

We have others. WRITE YOUR WANTS.

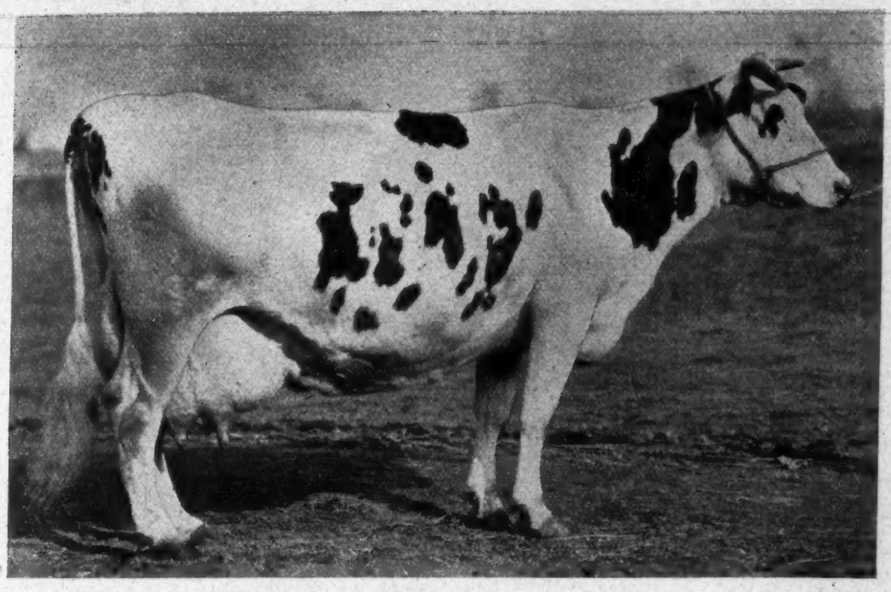
IRVING N. ROE Branchville, N. J.

Bargains in Females

We offer some special bargains in females bred to King Model.

We are short of help and want to sell a few.

H. PERKINS & SON Red Creek, N. Y.



Bloomingdale Hengerveld Palmyra

Born July 31, 1907

Butter .....30.40 Milk 593.00

Bred by A. A. Cortelyou, Somerville, N. J.

Purchased of Oliver Cabana Jr., Elma, N. Y.

Bloomingdale Hengerveld Palmyra is one of the greatest cows of the breed. She is unquestionably the grandest daughter Hengerveld De Kol ever sired.

As an individual she speaks for herself. The older she grows the better she seems to get, and today she is as fresh and strong as any cow many years her junior.

She is the dam of Superba Palmyra, the world's champion junior three-year-old, with a record of 39.24 lbs. She is also the dam of King Palmyra Fayne, that headed Hollywood Farm and is the sire of two 30-lb. cows. She is also the dam of the young bull heading the herd of Albert Ferguson, No. Syracuse, N. Y., and of another promising bull, Beauty Walker Pietertje Palmyra. She also has several young daughters at Pine Grove Farms.

The development of the descendants of this marvelous animal is only in its infancy and in years to come her blood will be appreciated to an even greater degree than it is today.

Remember, she is one of the last living daughters of Hengerveld De Kol and her offspring by so great a sire as King Valdessa Pontiac we believe will represent all we could possibly hope for.

When Bloomingdale Hengerveld Palmyra came to Bell Farm, there came a cow that money can never replace.

BELL FARM HERD JOHN A. BELL Jr. OWNER **Coraopolis, Pa.**

25% Good and 75% Perfect

A son of Dutchland Creamelle Korndyke Lad from a Colantha dam.

This bull, DUTCHLAND CREAMELLE ORMSBY BOY, was born November 27, 1917, and carries 25 per cent of the Ormsby blood (good breeding) and is backed by 75 per cent of yearly backing including two crosses of Colantha Johanna Lad (perfect breeding).

HIS SIRE—Dutchland Creamelle Korndyke Lad (last daughter tested made 24 lbs. of butter in seven days as a junior two-year-old) generally known as the greatest three-generation sire in the world for yearly production, his three direct dams showing an average yearly production of 27,800 lbs. of milk and nearly 1,100 lbs. of butter. Every one of his three direct dams are above 108 lbs. of milk in one day and show an average of 113 lbs. in one day and 750 lbs. in seven days.

HIS DAM—Dutchland Colantha Ormsby, a splendid 22-lb. daughter of Colantha Johanna Lad whose record was made from over 500 lbs. of milk (individually, she is practically of the same make-up and markings as Colantha 4th's Johanna), a cow that we have had difficulty in getting dry between calves. This cow is capable of making well over 30 lbs. and is due in December. Her dam is an Ormsby bred cow, one of the finest individuals of the breed.

This bull is especially well grown and will weigh about 800 lbs. He is mostly white and very attractive, having a perfect top line and a deep body; in fact, he is a bull that individually is good enough to go into any of the large rings with the best of winning chances. We are offering him for $500, and it will be necessary for you to act quickly if you want to own him.

FRED F. FIELD HOLSTEIN CO. "THE HOME OF PRODUCING DAMS."

DUTCHLAND FARMS

MONTELLO STATION BROCKTON MASS.